

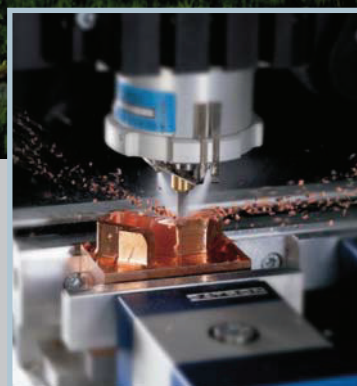
RUNDSTECKVERBINDER M 8 / M 12

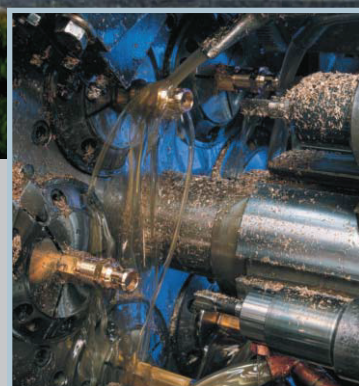
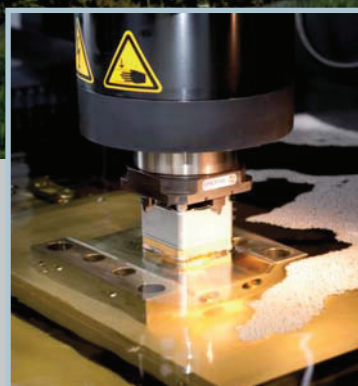


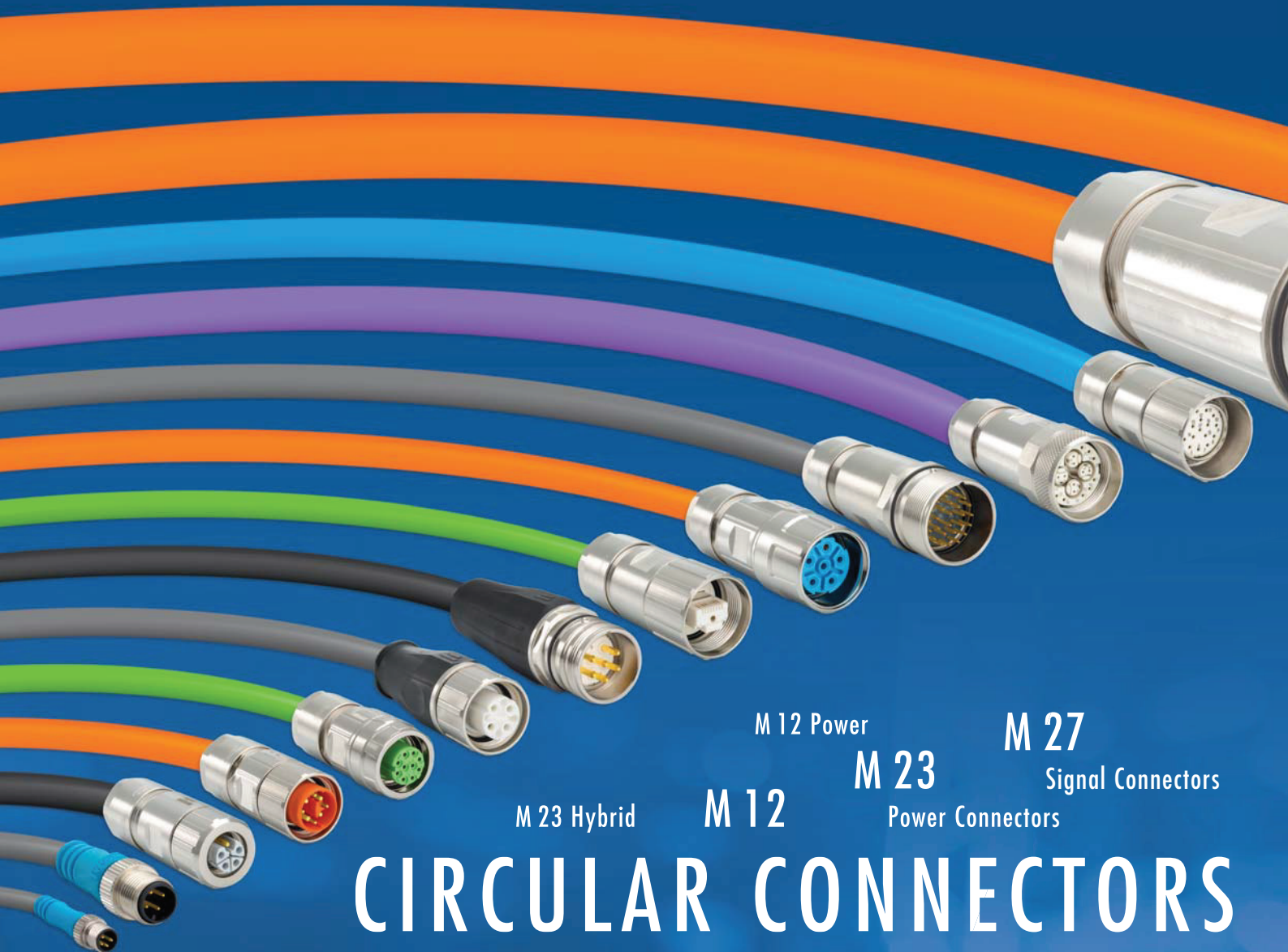


JAEGER by HUMMEL: Gemeinsam erfolgreich

Das französische Traditionsunternehmen JAEGER CONNECTEURS ist heute Teil der HUMMEL AG. Die Integration des JAEGER-Produktprogramms macht die HUMMEL AG zum Komplettanbieter für Rundsteckverbinder von M 8 bis M 40 sowie für kundenspezifische Produkte und Sonderlösungen.







M 12 Power

M 27

Signal Connectors

M 23

Power Connectors

M 12

M 23 Hybrid

CIRCULAR CONNECTORS

M 8

Industrial Ethernet

M 16

TWILOCK

PROFINET

M 23 RJ 45

Customized Solutions

M 40

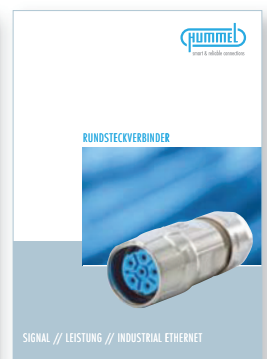
Moulded Cordsets

JAEGER BY HUMMEL:

Für jede Anwendung die richtige Steckerlösung und den passenden Service:
Gemeinsam mit JAEGER Connecteurs ist die HUMMEL AG weltweit Komplettanbieter für Industriekunden in Sachen Steckersystemen.

Die Produktkataloge:

- // JAEGER M 8, M 12 und Verteilerboxen
- // Rundsteckverbinder im JAEGER-Standard
- // HUMMEL-Rundsteckverbinder M 16 bis M 40
- // Steckerserie HUMMEL M 12 Power



VERLÄNGERUNGS- / ADAPTERLEITUNGEN

			0,8 m	1 m	1,5 m	2 m	3 m	5 m	7,5 m	10 m		
Gerade / Gerade	M 8	Stift			✓		✓	✓		✓		Buchse M 8
	M 8	Buchse			✓		✓	✓	✓	✓		Stift M 12
	M 12	Stift		✓	✓		✓	✓		✓		Buchse M 12
Gerade / Winkel	M 8	Stift			✓		✓	✓		✓		Buchse M 8
	M 8	Buchse			✓		✓	✓		✓		Stift M 8
	M 8	Buchse			✓		✓	✓	✓	✓		Stift M 12
	M 12	Stift			✓		✓	✓	✓	✓		Buchse M 8
	M 12	Stift		✓	✓		✓	✓		✓		Buchse M 12
	M 12	Buchse		✓	✓		✓	✓		✓		Stift M 12
Winkel / Winkel	M 8	Stift			✓		✓	✓		✓		Buchse M 8
	M 8	Buchse			✓		✓	✓	✓	✓		Stift M 12
	M 12	Stift		✓	✓		✓	✓		✓		Buchse M 12

Weitere Kabellängen auf Anfrage

			0,3 m	0,6 m	0,8 m	1 m				
Y-Steckverbinder	M 12	Stift		✓	✓	✓	✓		Buchse Buchse	M 12
	M 12	Stift		✓	✓	✓	✓		Buchse Buchse	M 12
T-Steckverbinder	M 12	Buchse Buchse		✓	✓	✓	✓		Stift	M 12
	M 12	Buchse Buchse		✓	✓	✓	✓		Buchse	M 12

Weitere Kabellängen auf Anfrage

Steckverbinder M 12

► 11



Verlängerungsleitungen M 12 / M 12

► 18



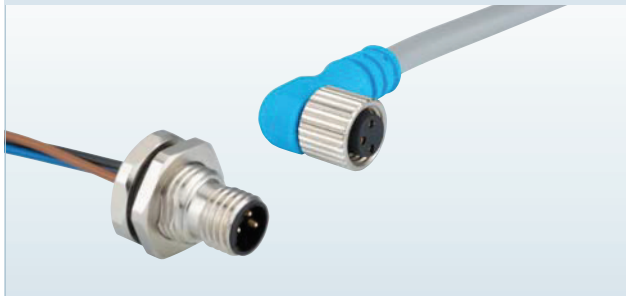
Steckverbinder M 12 „Y“, „T“

► 26



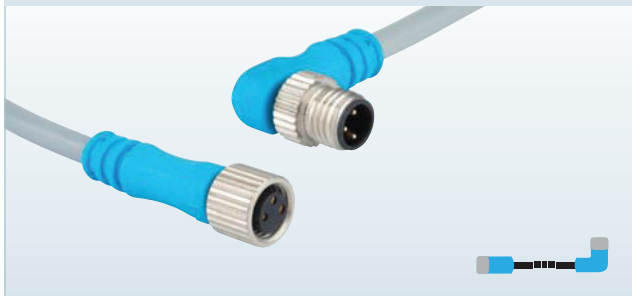
Steckverbinder M 8

► 39



Verlängerungsleitungen M 8 / M 8

► 44



Adapterleitungen M 8 / M 12

► 50



Sonderlösungen

► 55



Verteilerboxen

► 61



Litzenfarben

► 77



Allgemein technische Hinweise

► 10

HUMMEL International – JAEGER by HUMMEL

► 82

SYMBOLE



Kontakte



Montageanleitung



Gehäuse



Einsätze



Zuebhör



Crimpzangeneinstellungen

ALLGEMEINE TECHNISCHE HINWEISE

Der **Nennstrom** ist der Strom, den eine Steckverbindung je Kontakt gleichzeitig dauerhaft übertragen kann.

Die **Nennspannung** ist diejenige Spannung, für die ein Steckverbinder bemessen und konzipiert ist. Im Betrieb ist die Nennspannung die maximale dauerhaft anliegende Spannung.

Die **Prüfspannung** ist die Spannung, der ein Steckverbinder unter bestimmten Vorgaben standhalten muss, ohne dass es zu einem Spannungsüber- bzw. Spannungsdurchschlag kommt.

Der **Verschmutzungsgrad** bezeichnet die mögliche Verschmutzung eines offenen, ungesteckten Steckverbinders in einer bestimmten Umgebung.

Verschmutzungsgrad 2:

In dieser Umgebung tritt keine dauerhaft leitfähige Verschmutzung ein. Eine vorübergehende leitfähige Verschmutzung, wie beispielsweise durch Kondensation, kann jedoch auftreten. Der Verschmutzungsgrad 2 ist für Haushalte, Geschäftsräume, Labors oder Prüfbereiche typisch.

Verschmutzungsgrad 3:

In dieser Umgebung kann sowohl leitfähige als auch trockene, nicht leitfähige Verschmutzung auftreten, welche vorübergehend leitfähig wird, da beispielsweise Kondensation erwartet werden muss. Der Verschmutzungsgrad 3 ist für Industriebetriebe oder Werkstätten typisch.

Ergänzende Hinweise zu Verschmutzungsgraden:

Werden Steckverbinder unter anderen Bedingungen, wie z.B. einem höheren Verschmutzungsgrad, eingesetzt, reduzieren sich die Spannungswerte entsprechend. Eine Verwendung der Steckverbinder ist bei den reduzierten maximal möglichen Spannungen jedoch problemlos möglich.

Steckzyklen

Die Steck- und Trennvorgänge von Steckverbindern werden als Steckzyklen bezeichnet.

Luftstrecke

Die Luftstrecke ist die kürzeste Entfernung in der Luft zwischen zwei leitenden Teilen.

Kriechstrecke

Die Kriechstrecke ist die kürzeste Entfernung entlang der Oberfläche eines Isolierstoffes zwischen zwei leitenden Teilen.

Sicherheitshinweis

Bei Betriebsspannungen größer 50 Volt müssen die in diesem Katalog aufgeführten Steckverbinder mit leitenden Gehäuseteilen gemäß den Sicherheitsbestimmungen der DIN VDE410; IEC 60364-4-41 benutzt werden. Diese Sicherheitsbestimmungen schreiben vor, dass entsprechende Steckverbinder nicht unter Spannung gesteckt oder getrennt werden dürfen. Andernfalls ist kein Schutz gegen elektrischen Schlag gewährleistet.



Die Steckverbinder dürfen nicht unter Spannung gesteckt oder getrennt werden.

STECKVERBINDER M 12

In der Industrie gehört er zum Standard; seine Anwendungsfelder sind vielfältig und die Einsatzmöglichkeiten nehmen immer noch ständig zu. Die Steckverbinder M 12 sind robust und anwenderfreundlich. Im Angebot ist eine Vielzahl von Varianten umspritzter und frei konfektionierbarer Lösungen.

- // Kodierungen A, B und D
- // Umspritzte Lösungen
- // Frei konfektionierbare Steckverbinder
- // Y- und T-Steckverbinder
- // Verlängerungsleitungen
- // Gerätestecker



STECKVERBINDER M 12

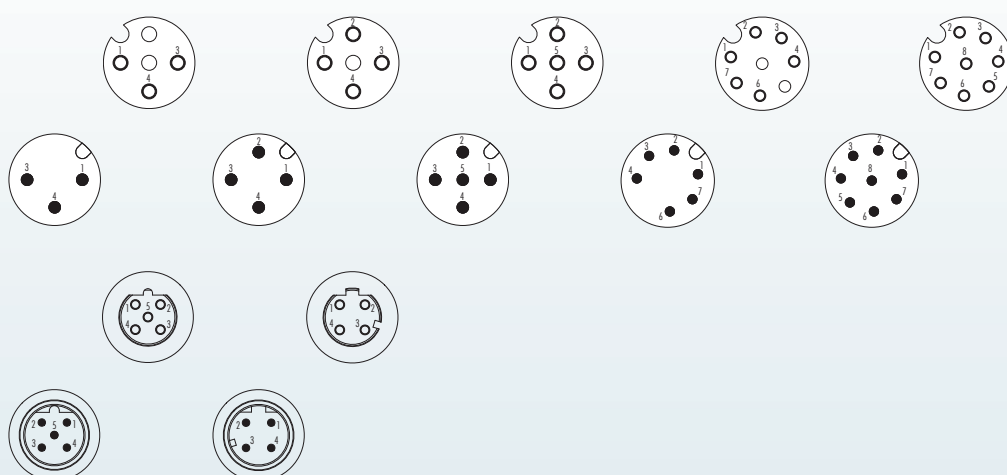
Produktübersicht

Gehäuse

► 14



Kontakteinsätze



Mechanische Daten

Gehäuse	Kupfer-Zink-Legierung
Umspritzung	Thermoplastisches Elastomer
Kontakteinsätze	PA66 / Glasfaser Brandschutzklasse V0
Kontakte	Kupfer-Zink-Legierung
Kontaktoberfläche im Kontaktbereich	vernickelt, vergoldet
Dichtungen / O-Ringe	Fluorokarbonat
Temperaturbereich	-30 °C – +70 °C (statische Betriebstemperatur) -5 °C – +70 °C (dynamische Betriebstemperatur)
Schutzart, Dichtigkeit	IP 67

Elektrische Daten

	3	4	5	6	8
Anzahl der Kontakte	3	4	5	6	8
Kontakt-Ø [mm]	0,34	0,34	0,34	0,25	0,25
Nennstrom [A]	4	4	4	2	2
Nennspannung [V~] bei Verschmutzungsgrad 3	240	240	60	30	30
Prüfspannung [V~]	1000	1000	1000	1000	1000
Isolationswiderstand [MΩ]	> 10 ⁹	> 10 ⁹	> 10 ⁹	> 10 ⁹	> 10 ⁹
Max. Übergangswiderstand [MΩ]	< 5	< 5	< 5	< 5	< 5

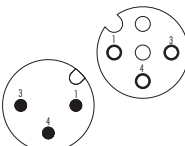


Kabel- / Kupplungssteckverbinder M 12 umspritzt

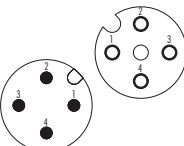
Kodierung A



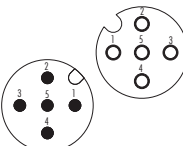
M 12
3-polig
Kodierung A



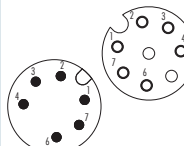
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4-polig
Kodierung A



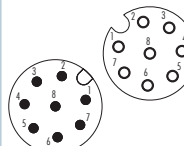
M 12
5-polig
Kodierung A



M 12
6-polig
Kodierung A



M 12
8-polig
Kodierung A



Kabel PVC

0,8 m	Stift	JFMD03M12008C	JFMD04M12008C	JFMD05M12008C	JFMD06M12008C	JFMD08M12008C
	Buchse	JFFD03M12008C	JFFD04M12008C	JFFD05M12008C	JFFD06M12008C	JFFD08M12008C
1 m	Stift	JFMD03M12010C	JFMD04M12010C	JFMD05M12010C	JFMD06M12010C	JFMD08M12010C
	Buchse	JFFD03M12010C	JFFD04M12010C	JFFD05M12010C	JFFD06M12010C	JFFD08M12010C
2 m	Stift	JFMD03M12020C	JFMD04M12020C	JFMD05M12020C	JFMD06M12020C	JFMD08M12020C
	Buchse	JFFD03M12020C	JFFD04M12020C	JFFD05M12020C	JFFD06M12020C	JFFD08M12020C
5 m	Stift	JFMD03M12050C	JFMD04M12050C	JFMD05M12050C	JFMD06M12050C	JFMD08M12050C
	Buchse	JFFD03M12050C	JFFD04M12050C	JFFD05M12050C	JFFD06M12050C	JFFD08M12050C
10 m	Stift	JFMD03M12100C	JFMD04M12100C	JFMD05M12100C	JFMD06M12100C	JFMD08M12100C
	Buchse	JFFD03M12100C	JFFD04M12100C	JFFD05M12100C	JFFD06M12100C	JFFD08M12100C

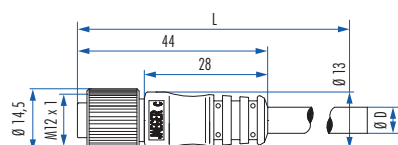
Kabel PUR

0,8 m	Stift	JFMD03M12008P	JFMD04M12008P	JFMD05M12008P	JFMD06M12008P	JFMD08M12008P
	Buchse	JFFD03M12008P	JFFD04M12008P	JFFD05M12008P	JFFD06M12008P	JFFD08M12008P
1 m	Stift	JFMD03M12010P	JFMD04M12010P	JFMD05M12010P	JFMD06M12010P	JFMD08M12010P
	Buchse	JFFD03M12010P	JFFD04M12010P	JFFD05M12010P	JFFD06M12010P	JFFD08M12010P
2 m	Stift	JFMD03M12020P	JFMD04M12020P	JFMD05M12020P	JFMD06M12020P	JFMD08M12020P
	Buchse	JFFD03M12020P	JFFD04M12020P	JFFD05M12020P	JFFD06M12020P	JFFD08M12020P
5 m	Stift	JFMD03M12050P	JFMD04M12050P	JFMD05M12050P	JFMD06M12050P	JFMD08M12050P
	Buchse	JFFD03M12050P	JFFD04M12050P	JFFD05M12050P	JFFD06M12050P	JFFD08M12050P
10 m	Stift	JFMD03M12100P	JFMD04M12100P	JFMD05M12100P	JFMD06M12100P	JFMD08M12100P
	Buchse	JFFD03M12100P	JFFD04M12100P	JFFD05M12100P	JFFD06M12100P	JFFD08M12100P

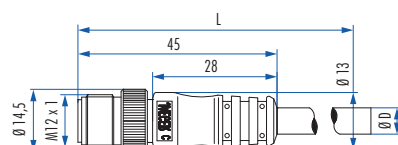
Kabel PVC geschirmt

0,8 m	Stift	JFMD03M12008B	JFMD04M12008B	JFMD05M12008B	JFMD06M12008B	JFMD08M12008B
	Buchse	JFFD03M12008B	JFFD04M12008B	JFFD05M12008B	JFFD06M12008B	JFFD08M12008B
1 m	Stift	JFMD03M12010B	JFMD04M12010B	JFMD05M12010B	JFMD06M12010B	JFMD08M12010B
	Buchse	JFFD03M12010B	JFFD04M12010B	JFFD05M12010B	JFFD06M12010B	JFFD08M12010B
2 m	Stift	JFMD03M12020B	JFMD04M12020B	JFMD05M12020B	JFMD06M12020B	JFMD08M12020B
	Buchse	JFFD03M12020B	JFFD04M12020B	JFFD05M12020B	JFFD06M12020B	JFFD08M12020B
5 m	Stift	JFMD03M12050B	JFMD04M12050B	JFMD05M12050B	JFMD06M12050B	JFMD08M12050B
	Buchse	JFFD03M12050B	JFFD04M12050B	JFFD05M12050B	JFFD06M12050B	JFFD08M12050B
10 m	Stift	JFMD03M12100B	JFMD04M12100B	JFMD05M12100B	JFMD06M12100B	JFMD08M12100B
	Buchse	JFFD03M12100B	JFFD04M12100B	JFFD05M12100B	JFFD06M12100B	JFFD08M12100B

Kabelsteckverbinder



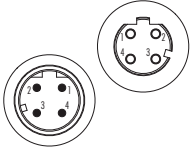
Kupplungssteckverbinder



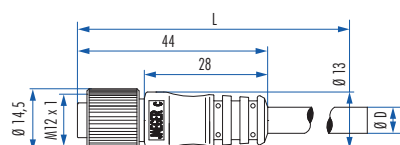
umspritzter Steckverbinder mit offenem Kabelende

STECKVERBINDER M 12

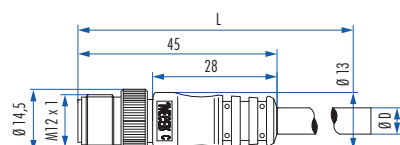
Kabel- / Kupplungssteckverbinder M 12 umspritzt

			Kodierung B / Kodierung D	
			M 12 5-polig Kodierung B	M 12 4-polig Kodierung D
				
Kabel PVC				
0,8 m	Stift		JFMD05B12008C	JFMD04D12008C
	Buchse		JFFD05B12008C	JFFD04D12008C
1 m	Stift		JFMD05B12010C	JFMD04D12010C
	Buchse		JFFD05B12010C	JFFD04D12010C
2 m	Stift		JFMD05B12020C	JFMD04D12020C
	Buchse		JFFD05B12020C	JFFD04D12020C
5 m	Stift		JFMD05B12050C	JFMD04D12050C
	Buchse		JFFD05B12050C	JFFD04D12050C
10 m	Stift		JFMD05B12100C	JFMD04D12100C
	Buchse		JFFD05B12100C	JFFD04D12100C
Kabel PUR				
0,8 m	Stift		JFMD05B12008P	JFMD04D12008P
	Buchse		JFFD05B12008P	JFFD04D12008P
1 m	Stift		JFMD05B12010P	JFMD04D12010P
	Buchse		JFFD05B12010P	JFFD04D12010P
2 m	Stift		JFMD05B12020P	JFMD04D12020P
	Buchse		JFFD05B12020P	JFFD04D12020P
5 m	Stift		JFMD05B12050P	JFMD04D12050P
	Buchse		JFFD05B12050P	JFFD04D12050P
10 m	Stift		JFMD05B12100P	JFMD04D12100P
	Buchse		JFFD05B12100P	JFFD04D12100P
Kabel PVC geschirmt				
0,8 m	Stift		JFMD05B12008B	JFMD04D12008B
	Buchse		JFFD05B12008B	JFFD04D12008B
1 m	Stift		JFMD05B12010B	JFMD04D12010B
	Buchse		JFFD05B12010B	JFFD04D12010B
2 m	Stift		JFMD05B12020B	JFMD04D12020B
	Buchse		JFFD05B12020B	JFFD04D12020B
5 m	Stift		JFMD05B12050B	JFMD04D12050B
	Buchse		JFFD05B12050B	JFFD04D12050B
10 m	Stift		JFMD05B12100B	JFMD04D12100B
	Buchse		JFFD05B12100B	JFFD04D12100B

Kabelsteckverbinder



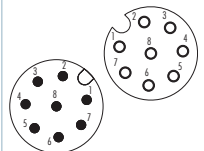
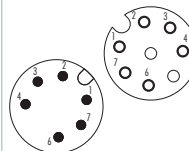
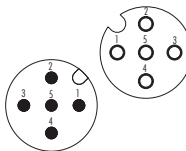
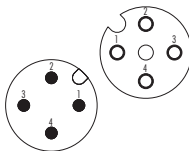
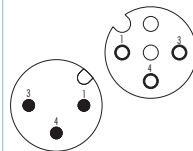
Kupplungssteckverbinder



umspritzter Steckverbinder mit offenem Kabelende



Kodierung A



0.8 m

0,8 m	Stift	JFMC03M12008C	JFMC04M12008C	JFMC05M12008C	JFMC06M12008C	JFMC08M12008C
	Buchse	JFFC03M12008C	JFFC04M12008C	JFFC05M12008C	JFFC06M12008C	JFFC08M12008C
1 m	Stift	JFMC03M12010C	JFMC04M12010C	JFMC05M12010C	JFMC06M12010C	JFMC08M12010C
	Buchse	JFFC03M12010C	JFFC04M12010C	JFFC05M12010C	JFFC06M12010C	JFFC08M12010C
2 m	Stift	JFMC03M12020C	JFMC04M12020C	JFMC05M12020C	JFMC06M12020C	JFMC08M12020C
	Buchse	JFFC03M12020C	JFFC04M12020C	JFFC05M12020C	JFFC06M12020C	JFFC08M12020C
5 m	Stift	JFMC03M12050C	JFMC04M12050C	JFMC05M12050C	JFMC06M12050C	JFMC08M12050C
	Buchse	JFFC03M12050C	JFFC04M12050C	JFFC05M12050C	JFFC06M12050C	JFFC08M12050C
10 m	Stift	JFMC03M12100C	JFMC04M12100C	JFMC05M12100C	JFMC06M12100C	JFMC08M12100C
	Buchse	JFFC03M12100C	JFFC04M12100C	JFFC05M12100C	JFFC06M12100C	JFFC08M12100C

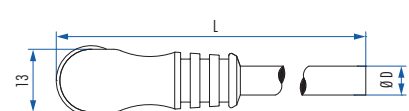
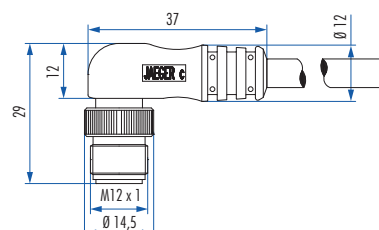
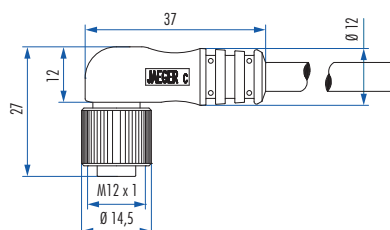
0.8 m

0,8 m	Stift	JFMC03M12008P	JFMC04M12008P	JFMC05M12008P	JFMC06M12008P	JFMC08M12008P
	Buchse	JFFC03M12008P	JFFC04M12008P	JFFC05M12008P	JFFC06M12008P	JFFC08M12008P
1 m	Stift	JFMC03M12010P	JFMC04M12010P	JFMC05M12010P	JFMC06M12010P	JFMC08M12010P
	Buchse	JFFC03M12010P	JFFC04M12010P	JFFC05M12010P	JFFC06M12010P	JFFC08M12010P
2 m	Stift	JFMC03M12020P	JFMC04M12020P	JFMC05M12020P	JFMC06M12020P	JFMC08M12020P
	Buchse	JFFC03M12020P	JFFC04M12020P	JFFC05M12020P	JFFC06M12020P	JFFC08M12020P
5 m	Stift	JFMC03M12050P	JFMC04M12050P	JFMC05M12050P	JFMC06M12050P	JFMC08M12050P
	Buchse	JFFC03M12050P	JFFC04M12050P	JFFC05M12050P	JFFC06M12050P	JFFC08M12050P
10 m	Stift	JFMC03M12100P	JFMC04M12100P	JFMC05M12100P	JFMC06M12100P	JFMC08M12100P
	Buchse	JFFC03M12100P	JFFC04M12100P	JFFC05M12100P	JFFC06M12100P	JFFC08M12100P

0.8 m

0,8 m	Stift	JFMC03M12008B	JFMC04M12008B	JFMC05M12008B	JFMC06M12008B	JFMC08M12008B
	Buchse	JFFC03M12008B	JFFC04M12008B	JFFC05M12008B	JFFC06M12008B	JFFC08M12008B
1 m	Stift	JFMC03M12010B	JFMC04M12010B	JFMC05M12010B	JFMC06M12010B	JFMC08M12010B
	Buchse	JFFC03M12010B	JFFC04M12010B	JFFC05M12010B	JFFC06M12010B	JFFC08M12010B
2 m	Stift	JFMC03M12020B	JFMC04M12020B	JFMC05M12020B	JFMC06M12020B	JFMC08M12020B
	Buchse	JFFC03M12020B	JFFC04M12020B	JFFC05M12020B	JFFC06M12020B	JFFC08M12020B
5 m	Stift	JFMC03M12050B	JFMC04M12050B	JFMC05M12050B	JFMC06M12050B	JFMC08M12050B
	Buchse	JFFC03M12050B	JFFC04M12050B	JFFC05M12050B	JFFC06M12050B	JFFC08M12050B
10 m	Stift	JFMC03M12100B	JFMC04M12100B	JFMC05M12100B	JFMC06M12100B	JFMC08M12100B
	Buchse	JFFC03M12100B	JFFC04M12100B	JFFC05M12100B	JFFC06M12100B	JFFC08M12100B

Winkelsteckverbinder (Buchse)



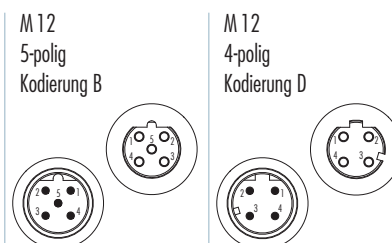
umspritzter Winkelsteckverbinder mit offenem Kabelende

STECKVERBINDER M 12

Winkelsteckverbinder M 12 umspritzt



Kodierung B / Kodierung D



Kabel PVC

0,8 m	Stift	JFMC05B12008C	JFMC04D12008C
	Buchse	JFFC05B12008C	JFFC04D12008C
1 m	Stift	JFMC05B12010C	JFMC04D12010C
	Buchse	JFFC05B12010C	JFFC04D12010C
2 m	Stift	JFMC05B12020C	JFMC04D12020C
	Buchse	JFFC05B12020C	JFFC04D12020C
5 m	Stift	JFMC05B12050C	JFMC04D12050C
	Buchse	JFFC05B12050C	JFFC04D12050C
10 m	Stift	JFMC05B12100C	JFMC04D12100C
	Buchse	JFFC05B12100C	JFFC04D12100C

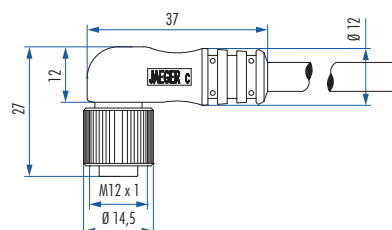
Kabel PUR

0,8 m	Stift	JFMC05B12008P	JFMC04D12008P
	Buchse	JFFC05B12008P	JFFC04D12008P
1 m	Stift	JFMC05B12010P	JFMC04D12010P
	Buchse	JFFC05B12010P	JFFC04D12010P
2 m	Stift	JFMC05B12020P	JFMC04D12020P
	Buchse	JFFC05B12020P	JFFC04D12020P
5 m	Stift	JFMC05B12050P	JFMC04D12050P
	Buchse	JFFC05B12050P	JFFC04D12050P
10 m	Stift	JFMC05B12100P	JFMC04D12100P
	Buchse	JFFC05B12100P	JFFC04D12100P

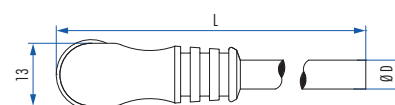
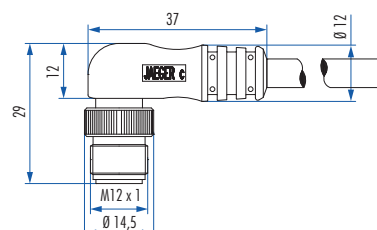
Kabel PVC geschirmt

0,8 m	Stift	JFMC05B12008B	JFMC04D12008B
	Buchse	JFFC05B12008B	JFFC04D12008B
1 m	Stift	JFMC05B12010B	JFMC04D12010B
	Buchse	JFFC05B12010B	JFFC04D12010B
2 m	Stift	JFMC05B12020B	JFMC04D12020B
	Buchse	JFFC05B12020B	JFFC04D12020B
5 m	Stift	JFMC05B12050B	JFMC04D12050B
	Buchse	JFFC05B12050B	JFFC04D12050B
10 m	Stift	JFMC05B12100B	JFMC04D12100B
	Buchse	JFFC05B12100B	JFFC04D12100B

Winkelsteckverbinder (Stift)



Winkelsteckverbinder (Buchse)



umspritzter Winkelsteckverbinder mit offenem Kabelende

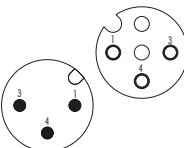


Verlängerungsleitung Kabel- / Kupplungsstecker M 12 umspritzt

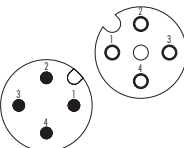
Gerade / Gerade – Kodierung A



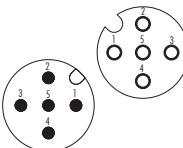
M 12
3-polig
Kodierung A



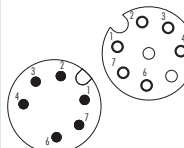
M 12
4-polig
Kodierung A



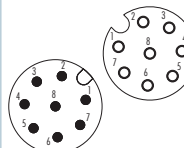
M 12
5-polig
Kodierung A



M 12
6-polig
Kodierung A



M 12
8-polig
Kodierung A



Kabel PVC

0,8 m	JFFDFMD03M12008C	JFFDFMD04M12008C	JFFDFMD05M12008C	JFFDFMD06M12008C	JFFDFMD08M12008C
1 m	JFFDFMD03M12010C	JFFDFMD04M12010C	JFFDFMD05M12010C	JFFDFMD06M12010C	JFFDFMD08M12010C
2 m	JFFDFMD03M12020C	JFFDFMD04M12020C	JFFDFMD05M12020C	JFFDFMD06M12020C	JFFDFMD08M12020C
5 m	JFFDFMD03M12050C	JFFDFMD04M12050C	JFFDFMD05M12050C	JFFDFMD06M12050C	JFFDFMD08M12050C
10 m	JFFDFMD03M12100C	JFFDFMD04M12100C	JFFDFMD05M12100C	JFFDFMD06M12100C	JFFDFMD08M12100C

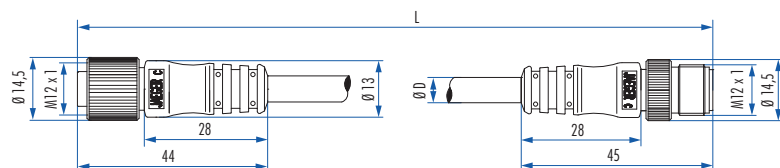
Kabel PUR

0,8 m	JFFDFMD03M12008P	JFFDFMD04M12008P	JFFDFMD05M12008P	JFFDFMD06M12008P	JFFDFMD08M12008P
1 m	JFFDFMD03M12010P	JFFDFMD04M12010P	JFFDFMD05M12010P	JFFDFMD06M12010P	JFFDFMD08M12010P
2 m	JFFDFMD03M12020P	JFFDFMD04M12020P	JFFDFMD05M12020P	JFFDFMD06M12020P	JFFDFMD08M12020P
5 m	JFFDFMD03M12050P	JFFDFMD04M12050P	JFFDFMD05M12050P	JFFDFMD06M12050P	JFFDFMD08M12050P
10 m	JFFDFMD03M12100P	JFFDFMD04M12100P	JFFDFMD05M12100P	JFFDFMD06M12100P	JFFDFMD08M12100P

Kabel PVC geschirmt

0,8 m	JFFDFMD03M12008B	JFFDFMD04M12008B	JFFDFMD05M12008B	JFFDFMD06M12008B	JFFDFMD08M12008B
1 m	JFFDFMD03M12010B	JFFDFMD04M12010B	JFFDFMD05M12010B	JFFDFMD06M12010B	JFFDFMD08M12010B
2 m	JFFDFMD03M12020B	JFFDFMD04M12020B	JFFDFMD05M12020B	JFFDFMD06M12020B	JFFDFMD08M12020B
5 m	JFFDFMD03M12050B	JFFDFMD04M12050B	JFFDFMD05M12050B	JFFDFMD06M12050B	JFFDFMD08M12050B
10 m	JFFDFMD03M12100B	JFFDFMD04M12100B	JFFDFMD05M12100B	JFFDFMD06M12100B	JFFDFMD08M12100B

Kabelsteckverbinder / Kupplungssteckverbinder

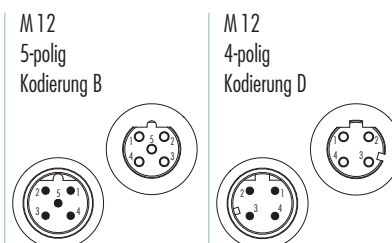


STECKVERBINDER M 12

Verlängerungsleitung Kabel- / Kupplungsstecker M 12 umspritzt



Gerade / Gerade – Kodierung B / Kodierung D



Kabel PVC

0,8 m	JFFDFMD05B12008C	JFFDFMD04D12008C
1 m	JFFDFMD05B12010C	JFFDFMD04D12010C
2 m	JFFDFMD05B12020C	JFFDFMD04D12020C
5 m	JFFDFMD05B12050C	JFFDFMD04D12050C
10 m	JFFDFMD05B12100C	JFFDFMD04D12100C

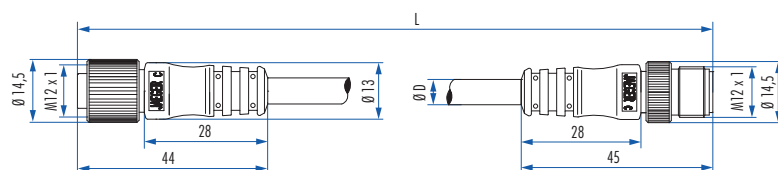
Kabel PUR

0,8 m	JFFDFMD05B12008P	JFFDFMD04D12008P
1 m	JFFDFMD05B12010P	JFFDFMD04D12010P
2 m	JFFDFMD05B12020P	JFFDFMD04D12020P
5 m	JFFDFMD05B12050P	JFFDFMD04D12050P
10 m	JFFDFMD05B12100P	JFFDFMD04D12100P

Kabel PVC geschirmt

0,8 m	JFFDFMD05B12008B	JFFDFMD04D12008B
1 m	JFFDFMD05B12010B	JFFDFMD04D12010B
2 m	JFFDFMD05B12020B	JFFDFMD04D12020B
5 m	JFFDFMD05B12050B	JFFDFMD04D12050B
10 m	JFFDFMD05B12100B	JFFDFMD04D12100B

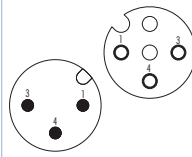
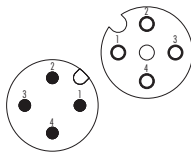
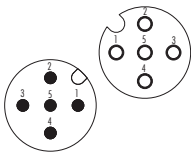
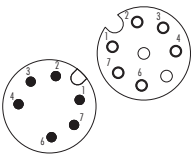
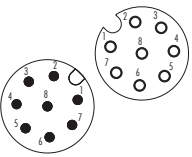
Kabelsteckverbinder / Kupplungssteckverbinder



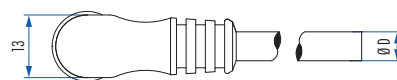
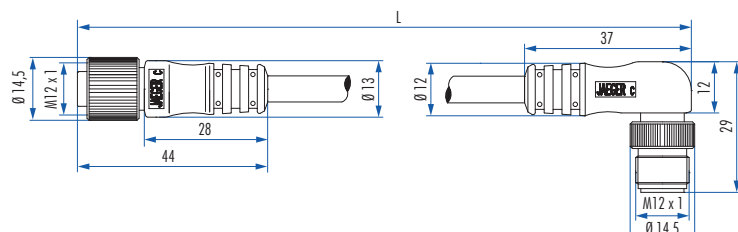


Verlängerungsleitung Kabel- / Kupplungsstecker M 12 umspritzt

Gerade / Winkel – Kodierung A

		M 12 / M 12 3-polig Kodierung A	M 12 / M 12 4-polig Kodierung A	M 12 / M 12 5-polig Kodierung A	M 12 / M 12 6-polig Kodierung A	M 12 / M 12 8-polig Kodierung A
						
Kabel PVC						
0,8 m	Stift Winkel Buchse Gerade	JFFDFMC03M12008C	JFFDFMC04M12008C	JFFDFMC05M12008C	JFFDFMC06M12008C	JFFDFMC08M12008C
1 m	Stift Winkel Buchse Gerade	JFFDFMC03M12010C	JFFDFMC04M12010C	JFFDFMC05M12010C	JFFDFMC06M12010C	JFFDFMC08M12010C
2 m	Stift Winkel Buchse Gerade	JFFDFMC03M12020C	JFFDFMC04M12020C	JFFDFMC05M12020C	JFFDFMC06M12020C	JFFDFMC08M12020C
5 m	Stift Winkel Buchse Gerade	JFFDFMC03M12050C	JFFDFMC04M12050C	JFFDFMC05M12050C	JFFDFMC06M12050C	JFFDFMC08M12050C
10 m	Stift Winkel Buchse Gerade	JFFDFMC03M12100C	JFFDFMC04M12100C	JFFDFMC05M12100C	JFFDFMC06M12100C	JFFDFMC08M12100C
Kabel PUR						
0,8 m	Stift Winkel Buchse Gerade	JFFDFMC03M12008P	JFFDFMC04M12008P	JFFDFMC05M12008P	JFFDFMC06M12008P	JFFDFMC08M12008P
1 m	Stift Winkel Buchse Gerade	JFFDFMC03M12010P	JFFDFMC04M12010P	JFFDFMC05M12010P	JFFDFMC06M12010P	JFFDFMC08M12010P
2 m	Stift Winkel Buchse Gerade	JFFDFMC03M12020P	JFFDFMC04M12020P	JFFDFMC05M12020P	JFFDFMC06M12020P	JFFDFMC08M12020P
5 m	Stift Winkel Buchse Gerade	JFFDFMC03M12050P	JFFDFMC04M12050P	JFFDFMC05M12050P	JFFDFMC06M12050P	JFFDFMC08M12050P
10 m	Stift Winkel Buchse Gerade	JFFDFMC03M12100P	JFFDFMC04M12100P	JFFDFMC05M12100P	JFFDFMC06M12100P	JFFDFMC08M12100P
Kabel PVC geschirmt						
0,8 m	Stift Winkel Buchse Gerade	JFFDFMC03M12008B	JFFDFMC04M12008B	JFFDFMC05M12008B	JFFDFMC06M12008B	JFFDFMC08M12008B
1 m	Stift Winkel Buchse Gerade	JFFDFMC03M12010B	JFFDFMC04M12010B	JFFDFMC05M12010B	JFFDFMC06M12010B	JFFDFMC08M12010B
2 m	Stift Winkel Buchse Gerade	JFFDFMC03M12020B	JFFDFMC04M12020B	JFFDFMC05M12020B	JFFDFMC06M12020B	JFFDFMC08M12020B
5 m	Stift Winkel Buchse Gerade	JFFDFMC03M12050B	JFFDFMC04M12050B	JFFDFMC05M12050B	JFFDFMC06M12050B	JFFDFMC08M12050B
10 m	Stift Winkel Buchse Gerade	JFFDFMC03M12100B	JFFDFMC04M12100B	JFFDFMC05M12100B	JFFDFMC06M12100B	JFFDFMC08M12100B#

Kabelsteckverbinder / Kupplungssteckverbinder (Winkel)



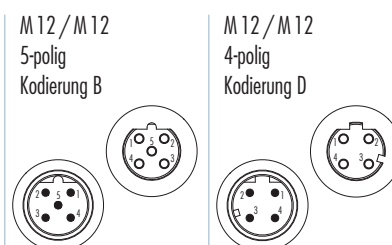
Verlängerungsleitung „Gerade / Winkel“ umspritzt

STECKVERBINDER M 12

Verlängerungsleitung Kabel- / Kupplungsstecker M 12 umspritzt



Gerade / Winkel – Kodierung B / Kodierung D



Kabel PVC

0,8 m	Stift Winkel Buchse Gerade	JFFDFMC05B12008C	JFFDFMC04D12008C
1 m	Stift Winkel Buchse Gerade	JFFDFMC05B12010C	JFFDFMC04D12010C
2 m	Stift Winkel Buchse Gerade	JFFDFMC05B12020C	JFFDFMC04D12020C
5 m	Stift Winkel Buchse Gerade	JFFDFMC05B12050C	JFFDFMC04D12050C
10 m	Stift Winkel Buchse Gerade	JFFDFMC05B12100C	JFFDFMC04D12100C

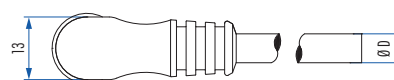
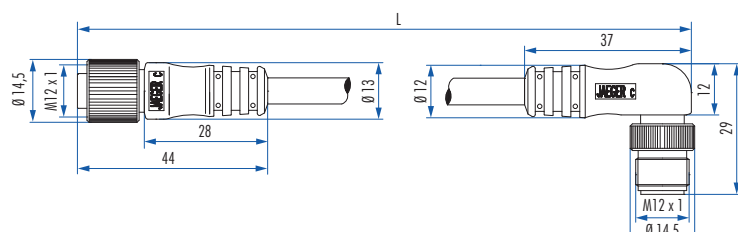
Kabel PUR

0,8 m	Stift Winkel Buchse Gerade	JFFDFMC05B12008P	JFFDFMC04D12008P
1 m	Stift Winkel Buchse Gerade	JFFDFMC05B12010P	JFFDFMC04D12010P
2 m	Stift Winkel Buchse Gerade	JFFDFMC05B12020P	JFFDFMC04D12020P
5 m	Stift Winkel Buchse Gerade	JFFDFMC05B12050P	JFFDFMC04D12050P
10 m	Stift Winkel Buchse Gerade	JFFDFMC05B12100P	JFFDFMC04D12100P

Kabel PVC geschirmt

0,8 m	Stift Winkel Buchse Gerade	JFFDFMC05B12008B	JFFDFMC04D12008B
1 m	Stift Winkel Buchse Gerade	JFFDFMC05B12010B	JFFDFMC04D12010B
2 m	Stift Winkel Buchse Gerade	JFFDFMC05B12020B	JFFDFMC04D12020B
5 m	Stift Winkel Buchse Gerade	JFFDFMC05B12050B	JFFDFMC04D12050B
10 m	Stift Winkel Buchse Gerade	JFFDFMC05B12100B	JFFDFMC04D12100B

Kabelsteckverbinder / Kupplungssteckverbinder (Winkel)



Verlängerungsleitung „Gerade / Winkel“ umspritzt



Verlängerungsleitung Kabel- / Kupplungsstecker M 12 umspritzt

Winkel / Gerade – Kodierung A



M 12 / M 12 3-polig Kodierung A	M 12 / M 12 4-polig Kodierung A	M 12 / M 12 5-polig Kodierung A	M 12 / M 12 6-polig Kodierung A	M 12 / M 12 8-polig Kodierung A

Kabel PVC

0,8 m	Stift Gerade Buchse Winkel	JFFCFMD03M12008C	JFFCFMD04M12008C	JFFCFMD05M12008C	JFFCFMD06M12008C	JFFCFMD08M12008C
1 m	Stift Gerade Buchse Winkel	JFFCFMD03M12010C	JFFCFMD04M12010C	JFFCFMD05M12010C	JFFCFMD06M12010C	JFFCFMD08M12010C
2 m	Stift Gerade Buchse Winkel	JFFCFMD03M12020C	JFFCFMD04M12020C	JFFCFMD05M12020C	JFFCFMD06M12020C	JFFCFMD08M12020C
5 m	Stift Gerade Buchse Winkel	JFFCFMD03M12050C	JFFCFMD04M12050C	JFFCFMD05M12050C	JFFCFMD06M12050C	JFFCFMD08M12050C
10 m	Stift Gerade Buchse Winkel	JFFCFMD03M12100C	JFFCFMD04M12100C	JFFCFMD05M12100C	JFFCFMD06M12100C	JFFCFMD08M12100C

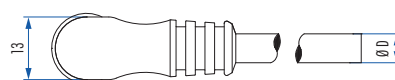
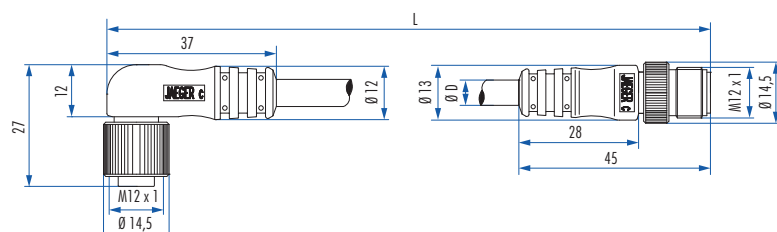
Kabel PUR

0,8 m	Stift Gerade Buchse Winkel	JFFCFMD03M12008P	JFFCFMD04M12008P	JFFCFMD05M12008P	JFFCFMD06M12008P	JFFCFMD08M12008P
1 m	Stift Gerade Buchse Winkel	JFFCFMD03M12010P	JFFCFMD04M12010P	JFFCFMD05M12010P	JFFCFMD06M12010P	JFFCFMD08M12010P
2 m	Stift Gerade Buchse Winkel	JFFCFMD03M12020P	JFFCFMD04M12020P	JFFCFMD05M12020P	JFFCFMD06M12020P	JFFCFMD08M12020P
5 m	Stift Gerade Buchse Winkel	JFFCFMD03M12050P	JFFCFMD04M12050P	JFFCFMD05M12050P	JFFCFMD06M12050P	JFFCFMD08M12050P
10 m	Stift Gerade Buchse Winkel	JFFCFMD03M12100P	JFFCFMD04M12100P	JFFCFMD05M12100P	JFFCFMD06M12100P	JFFCFMD08M12100P

Kabel PVC geschirmt

0,8 m	Stift Gerade Buchse Winkel	JFFCFMD03M12008B	JFFCFMD04M12008B	JFFCFMD05M12008B	JFFCFMD06M12008B	JFFCFMD08M12008B
1 m	Stift Gerade Buchse Winkel	JFFCFMD03M12010B	JFFCFMD04M12010B	JFFCFMD05M12010B	JFFCFMD06M12010B	JFFCFMD08M12010B
2 m	Stift Gerade Buchse Winkel	JFFCFMD03M12020B	JFFCFMD04M12020B	JFFCFMD05M12020B	JFFCFMD06M12020B	JFFCFMD08M12020B
5 m	Stift Gerade Buchse Winkel	JFFCFMD03M12050B	JFFCFMD04M12050B	JFFCFMD05M12050B	JFFCFMD06M12050B	JFFCFMD08M12050B
10 m	Stift Gerade Buchse Winkel	JFFCFMD03M12100B	JFFCFMD04M12100B	JFFCFMD05M12100B	JFFCFMD06M12100B	JFFCFMD08M12100B

Kabelsteckverbinder (Winkel) / Kupplungssteckverbinder



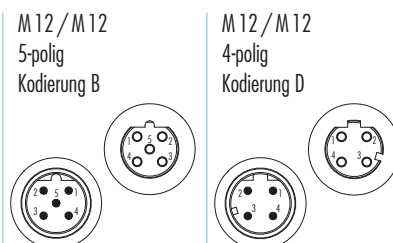
Verlängerungsleitung „Winkel / Gerade“ umspritzt

STECKVERBINDER M 12

Verlängerungsleitung Kabel- / Kupplungsstecker M 12 umspritzt



Winkel / Gerade – Kodierung B / Kodierung D



Kabel PVC

0,8 m	Stift Gerade Buchse Winkel	JFFCFMD05B12008C	JFFCFMD04D12008C
1 m	Stift Gerade Buchse Winkel	JFFCFMD05B12010C	JFFCFMD04D12010C
2 m	Stift Gerade Buchse Winkel	JFFCFMD05B12020C	JFFCFMD04D12020C
5 m	Stift Gerade Buchse Winkel	JFFCFMD05B12050C	JFFCFMD04D12050C
10 m	Stift Gerade Buchse Winkel	JFFCFMD05B12100C	JFFCFMD04D12100C

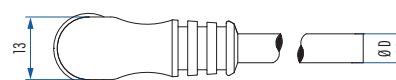
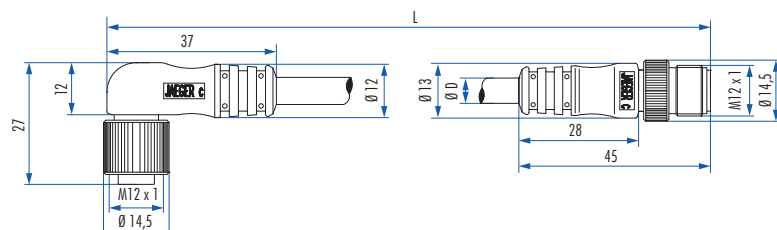
Kabel PUR

0,8 m	Stift Gerade Buchse Winkel	JFFCFMD05B12008P	JFFCFMD04D12008P
1 m	Stift Gerade Buchse Winkel	JFFCFMD05B12010P	JFFCFMD04D12010P
2 m	Stift Gerade Buchse Winkel	JFFCFMD05B12020P	JFFCFMD04D12020P
5 m	Stift Gerade Buchse Winkel	JFFCFMD05B12050P	JFFCFMD04D12050P
10 m	Stift Gerade Buchse Winkel	JFFCFMD05B12100P	JFFCFMD04D12100P

Kabel PVC geschirmt

0,8 m	Stift Gerade Buchse Winkel	JFFCFMD05B12008B	JFFCFMD04D12008B
1 m	Stift Gerade Buchse Winkel	JFFCFMD05B12010B	JFFCFMD04D12010B
2 m	Stift Gerade Buchse Winkel	JFFCFMD05B12020B	JFFCFMD04D12020B
5 m	Stift Gerade Buchse Winkel	JFFCFMD05B12050B	JFFCFMD04D12050B
10 m	Stift Gerade Buchse Winkel	JFFCFMD05B12100B	JFFCFMD04D12100B

Kabelsteckverbinder (Winkel) / Kupplungssteckverbinder



Verlängerungsleitung „Winkel / Gerade“ umspritzt

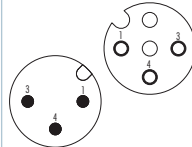


Verlängerungsleitung Winkelsteckverbinder M 12 umspritzt

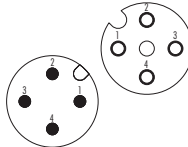
Winkel / Winkel – Kodierung A



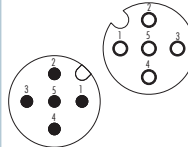
M 12 / M 12
3-polig
Kodierung A



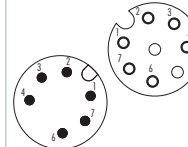
M 12 / M 12
4-polig
Kodierung A



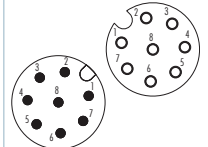
M 12 / M 12
5-polig
Kodierung A



M 12 / M 12
6-polig
Kodierung A



M 12 / M 12
8-polig
Kodierung A



Kabel PVC

0,8 m	JFFCFMC03M12008C	JFFCFMC04M12008C	JFFCFMC05M12008C	JFFCFMC06M12008C	JFFCFMC08M12008C
1 m	JFFCFMC03M12010C	JFFCFMC04M12010C	JFFCFMC05M12010C	JFFCFMC06M12010C	JFFCFMC08M12010C
2 m	JFFCFMC03M12020C	JFFCFMC04M12020C	JFFCFMC05M12020C	JFFCFMC06M12020C	JFFCFMC08M12020C
5 m	JFFCFMC03M12050C	JFFCFMC04M12050C	JFFCFMC05M12050C	JFFCFMC06M12050C	JFFCFMC08M12050C
10 m	JFFCFMC03M12100C	JFFCFMC04M12100C	JFFCFMC05M12100C	JFFCFMC06M12100C	JFFCFMC08M12100C

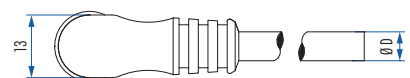
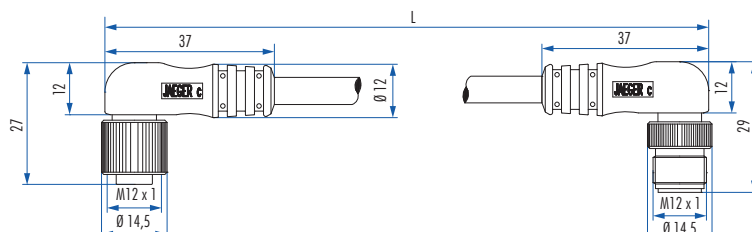
Kabel PUR

0,8 m	JFFCFMC03M12008P	JFFCFMC04M12008P	JFFCFMC05M12008P	JFFCFMC06M12008P	JFFCFMC08M12008P
1 m	JFFCFMC03M12010P	JFFCFMC04M12010P	JFFCFMC05M12010P	JFFCFMC06M12010P	JFFCFMC08M12010P
2 m	JFFCFMC03M12020P	JFFCFMC04M12020P	JFFCFMC05M12020P	JFFCFMC06M12020P	JFFCFMC08M12020P
5 m	JFFCFMC03M12050P	JFFCFMC04M12050P	JFFCFMC05M12050P	JFFCFMC06M12050P	JFFCFMC08M12050P
10 m	JFFCFMC03M12100P	JFFCFMC04M12100P	JFFCFMC05M12100P	JFFCFMC06M12100P	JFFCFMC08M12100P

Kabel PVC geschirmt

0,8 m	JFFCFMC03M12008B	JFFCFMC04M12008B	JFFCFMC05M12008B	JFFCFMC06M12008B	JFFCFMC08M12008B
1 m	JFFCFMC03M12010B	JFFCFMC04M12010B	JFFCFMC05M12010B	JFFCFMC06M12010B	JFFCFMC08M12010B
2 m	JFFCFMC03M12020B	JFFCFMC04M12020B	JFFCFMC05M12020B	JFFCFMC06M12020B	JFFCFMC08M12020B
5 m	JFFCFMC03M12050B	JFFCFMC04M12050B	JFFCFMC05M12050B	JFFCFMC06M12050B	JFFCFMC08M12050B
10 m	JFFCFMC03M12100B	JFFCFMC04M12100B	JFFCFMC05M12100B	JFFCFMC06M12100B	JFFCFMC08M12100B

Winkelsteckverbinder (Buchse) / Winkelsteckverbinder (Stift)



Verlängerungsleitung „Winkel / Winkel“ umspritzt

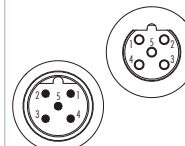
STECKVERBINDER M 12

Verlängerungsleitung Winkelsteckverbinder M 12 umspritzt

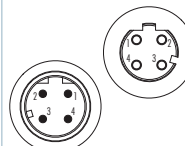
Winkel / Winkel – Kodierung B / Kodierung D



M 12 / M 12
5-polig
Kodierung B



M 12 / M 12
4-polig
Kodierung D



Kabel PVC

0,8 m	JFFCFMC05B12008C	JFFCFMC04D12008C
1 m	JFFCFMC05B12010C	JFFCFMC04D12010C
2 m	JFFCFMC05B12020C	JFFCFMC04D12020C
5 m	JFFCFMC05B12050C	JFFCFMC04D12050C
10 m	JFFCFMC05B12100C	JFFCFMC04D12100C

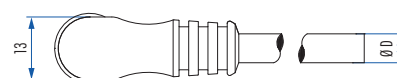
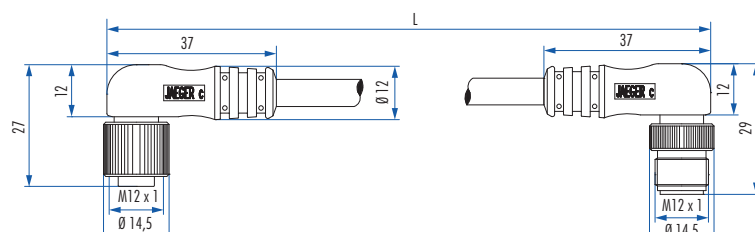
Kabel PUR

0,8 m	JFFCFMC05B12008P	JFFCFMC04D12008P
1 m	JFFCFMC05B12010P	JFFCFMC04D12010P
2 m	JFFCFMC05B12020P	JFFCFMC04D12020P
5 m	JFFCFMC05B12050P	JFFCFMC04D12050P
10 m	JFFCFMC05B12100P	JFFCFMC04D12100P

Kabel PVC geschirmt

0,8 m	JFFCFMC05B12008B	JFFCFMC04D12008B
1 m	JFFCFMC05B12010B	JFFCFMC04D12010B
2 m	JFFCFMC05B12020B	JFFCFMC04D12020B
5 m	JFFCFMC05B12050B	JFFCFMC04D12050B
10 m	JFFCFMC05B12100B	JFFCFMC04D12100B

Winkelsteckverbinder (Buchse) / Winkelsteckverbinder (Stift)



Verlängerungsleitung „Winkel / Winkel“ umspritzt

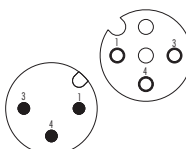


Y-Steckverbinder M 12 umspritzt

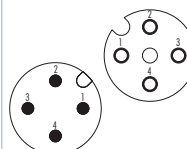
„Y“



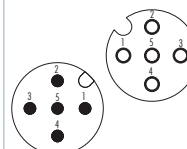
M 12 „Y“
3-polig



M 12 „Y“
4-polig



M 12 „Y“
5-polig



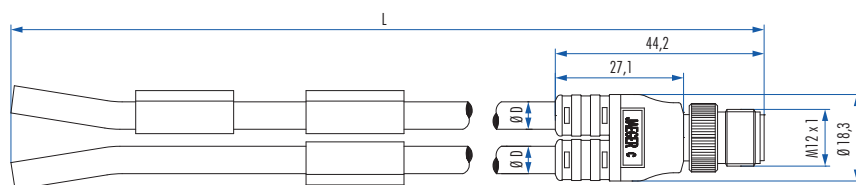
Kabel PVC

0,3 m	JYM12403003C	JYM12504003C	JYM12505003C
0,6 m	JYM12403006C	JYM12504006C	JYM12505006C
0,8 m	JYM12403008C	JYM12504008C	JYM12505008C
1 m	JYM12403010C	JYM12504010C	JYM12505010C

Kabel PUR

0,3 m	JYM12403003P	JYM12504003P	JYM12505003P
0,6 m	JYM12403006P	JYM12504006P	JYM12505006P
0,8 m	JYM12403008P	JYM12504008P	JYM12505008P
1 m	JYM12403010P	JYM12504010P	JYM12505010P

Y-Steckverbinder (Stift)



Y-Steckverbinder mit offenem Kabelende

STECKVERBINDER M 12

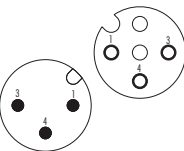
T-Steckverbinder M 12 umspritzt

„T“



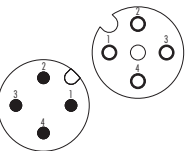
1 x Stift / 2 x Buchse

M 12 „T“
3-polig



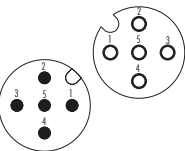
JTM04FF03

M 12 „T“
4-polig



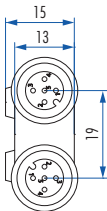
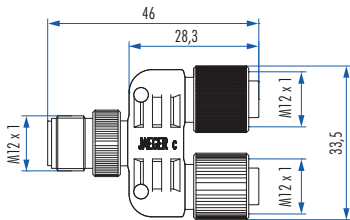
JTM05FF04

M 12 „T“
5-polig



JTM05FF05

T-Steckverbinder (1 x Stift / 2 x Buchse)



T-Steckverbinder

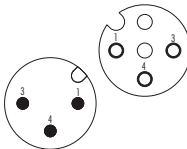


Leiterplattensteckverbinder M 12

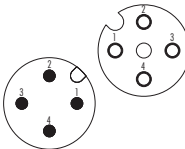
Leiterplattensteckverbinder „Lötkontakte“



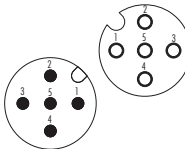
M 12
3-polig
Kodierung A



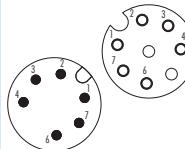
M 12
4-polig
Kodierung A



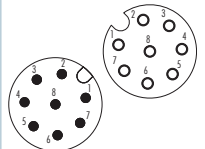
M 12
5-polig
Kodierung A



M 12
6-polig
Kodierung A



M 12
8-polig
Kodierung A



Metallgehäuse

Hinterwandmontage ¹⁾	Stift	JEM03M12PG9BMC1	JEM04M12PG9BMC1	JEM05M12PG9BMC1	JEM06M12PG9BMC1	JEM08M12PG9BMC1
	Buchse	JEF03M12PG9BMC1	JEF04M12PG9BMC1	JEF05M12PG9BMC1	JEF06M12PG9BMC1	JEF08M12PG9BMC1
Vorderwandmontage ²⁾	Stift	JEM03M12PG9FMC1	JEM04M12PG9FMC1	JEM05M12PG9FMC1	JEM06M12PG9FMC1	JEM08M12PG9FMC1
	Buchse	JEF03M12PG9FMC1	JEF04M12PG9FMC1	JEF05M12PG9FMC1	JEF06M12PG9FMC1	JEF08M12PG9FMC1

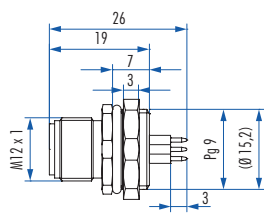
Kunststoffgehäuse

Hinterwandmontage ¹⁾	Stift	JEM03M12PG9BPC1	JEM04M12PG9BPC1	JEM05M12PG9BPC1	JEM06M12PG9BPC1	JEM08M12PG9BPC1
	Buchse	JEF03M12PG9BPC1	JEF04M12PG9BPC1	JEF05M12PG9BPC1	JEF06M12PG9BPC1	JEF08M12PG9BPC1
Vorderwandmontage ²⁾	Stift	JEM03M12PG9FPC1	JEM04M12PG9FPC1	JEM05M12PG9FPC1	JEM06M12PG9FPC1	JEM08M12PG9FPC1
	Buchse	JEF03M12PG9FPC1	JEF04M12PG9FPC1	JEF05M12PG9FPC1	JEF06M12PG9FPC1	JEF08M12PG9FPC1

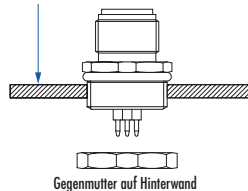
¹⁾ Gegenmutter auf Vorderwand

²⁾ Gegenmutter auf Hinterwand

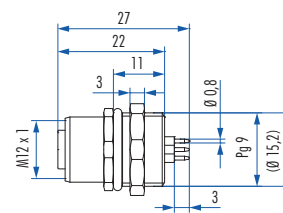
Vorderwandmontage (Stift)



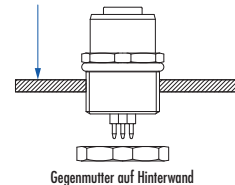
Montage auf Vorderwand



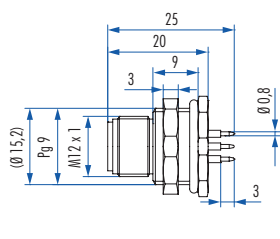
Vorderwandmontage (Buchse)



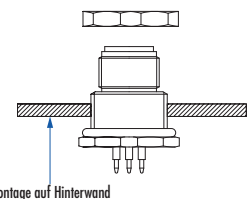
Montage auf Vorderwand



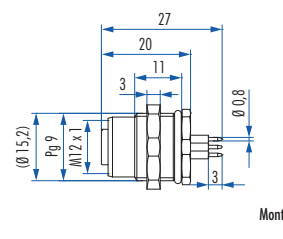
Hinterwandmontage (Stift)



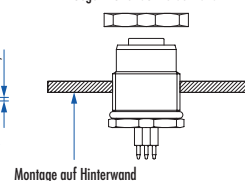
Gegenmutter auf Vorderwand



Hinterwandmontage (Buchse)



Gegenmutter auf Vorderwand





Leiterplattensteckverbinder „Lötkontakte“



M 12
5-polig
Kodierung B



M 12
4-polig
Kodierung D



Metallgehäuse

Hinterwandmontage ¹⁾	Stift	JEM05B12PG9BMC1	JEM04D12PG9BMC1
	Buchse	JEF05B12PG9BMC1	JEF04D12PG9BMC1
Vorderwandmontage ²⁾	Stift	JEM05B12PG9FMC1	JEM04D12PG9FMC1
	Buchse	JEF05B12PG9FMC1	JEF04D12PG9FMC1

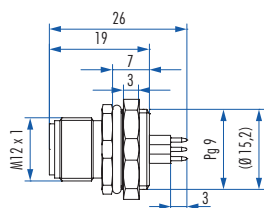
Kunststoffgehäuse

Hinterwandmontage ¹⁾	Stift	JEM05B12PG9BPC1	JEM04D12PG9BPC1
	Buchse	JEF05B12PG9BPC1	JEF04D12PG9BPC1
Vorderwandmontage ²⁾	Stift	JEM05B12PG9FPC1	JEM04D12PG9FPC1
	Buchse	JEF05B12PG9FPC1	JEF04D12PG9FPC1

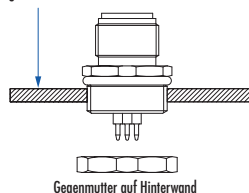
¹⁾ Gegenmutter auf Vorderwand

²⁾ Gegenmutter auf Hinterwand

Vorderwandmontage (Stift)

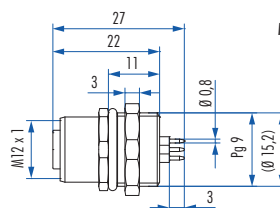


Montage auf Vorderwand

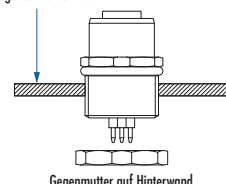


Gegenmutter auf Hinterwand

Vorderwandmontage (Buchse)

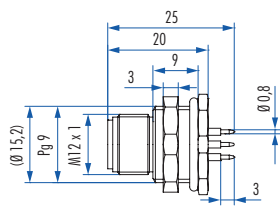


Montage auf Vorderwand

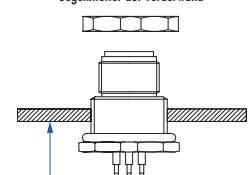


Gegenmutter auf Hinterwand

Hinterwandmontage (Stift)

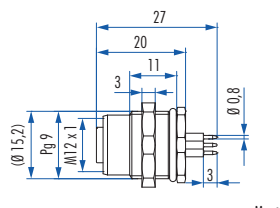


Gegenmutter auf Vorderwand

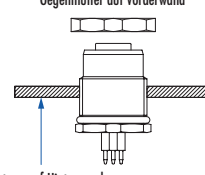


Montage auf Hinterwand

Hinterwandmontage (Buchse)



Gegenmutter auf Vorderwand



Montage auf Hinterwand



Leiterplattensteckverbinder „Lötkontakte“

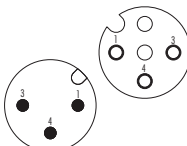


Gerüststeckverbinder M 12

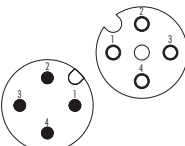
Hinter- / Vorderwandmontage mit Kabel



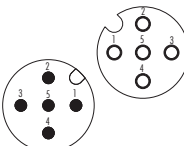
M 12
3-polig
Kodierung A



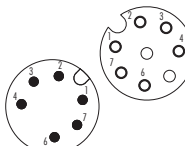
M 12
4-polig
Kodierung A



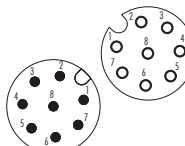
M 12
5-polig
Kodierung A



M 12
6-polig
Kodierung A



M 12
8-polig
Kodierung A



Metallgehäuse

40 cm Hinterwandmontage ¹⁾	Stift	JEM03M12PG9BM40	JEM04M12PG9BM40	JEM05M12PG9BM40	JEM06M12PG9BM40	JEM08M12PG9BM40
	Buchse	JEF03M12PG9BM40	JEF04M12PG9BM40	JEF05M12PG9BM40	JEF06M12PG9BM40	JEF08M12PG9BM40
40 cm Vorderwandmontage ²⁾	Stift	JEM03M12PG9FM40	JEM04M12PG9FM40	JEM05M12PG9FM40	JEM06M12PG9FM40	JEM08M12PG9FM40
	Buchse	JEF03M12PG9FM40	JEF04M12PG9FM40	JEF05M12PG9FM40	JEF06M12PG9FM40	JEF08M12PG9FM40
50 cm Hinterwandmontage ¹⁾	Stift	JEM03M12PG9BM50	JEM04M12PG9BM50	JEM05M12PG9BM50	JEM06M12PG9BM50	JEM08M12PG9BM50
	Buchse	JEF03M12PG9BM50	JEF04M12PG9BM50	JEF05M12PG9BM50	JEF06M12PG9BM50	JEF08M12PG9BM50
50 cm Vorderwandmontage ²⁾	Stift	JEM03M12PG9FM50	JEM04M12PG9FM50	JEM05M12PG9FM50	JEM06M12PG9FM50	JEM08M12PG9FM50
	Buchse	JEF03M12PG9FM50	JEF04M12PG9FM50	JEF05M12PG9FM50	JEF06M12PG9FM50	JEF08M12PG9FM50

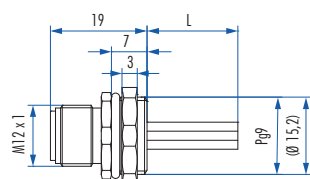
Kunststoffgehäuse

40 cm Hinterwandmontage ¹⁾	Stift	JEM03M12PG9BP40	JEM04M12PG9BP40	JEM05M12PG9BP40	JEM06M12PG9BP40	JEM08M12PG9BP40
	Buchse	JEF03M12PG9BP40	JEF04M12PG9BP40	JEF05M12PG9BP40	JEF06M12PG9BP40	JEF08M12PG9BP40
40 cm Vorderwandmontage ²⁾	Stift	JEM03M12PG9FP40	JEM04M12PG9FP40	JEM05M12PG9FP40	JEM06M12PG9FP40	JEM08M12PG9FP40
	Buchse	JEF03M12PG9FP40	JEF04M12PG9FP40	JEF05M12PG9FP40	JEF06M12PG9FP40	JEF08M12PG9FP40
50 cm Hinterwandmontage ¹⁾	Stift	JEM03M12PG9BP50	JEM04M12PG9BP50	JEM05M12PG9BP50	JEM06M12PG9BP50	JEM08M12PG9BP50
	Buchse	JEF03M12PG9BP50	JEF04M12PG9BP50	JEF05M12PG9BP50	JEF06M12PG9BP50	JEF08M12PG9BP50
50 cm Vorderwandmontage ²⁾	Stift	JEM03M12PG9FP50	JEM04M12PG9FP50	JEM05M12PG9FP50	JEM06M12PG9FP50	JEM08M12PG9FP50
	Buchse	JEF03M12PG9FP50	JEF04M12PG9FP50	JEF05M12PG9FP50	JEF06M12PG9FP50	JEF08M12PG9FP50

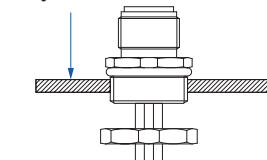
¹⁾ Gegenmutter auf Vorderwand

²⁾ Gegenmutter auf Hinterwand

Vorderwandmontage (Stift)

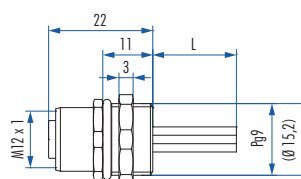


Montage auf Vorderwand

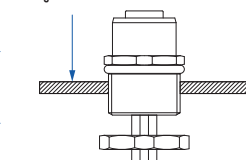


Gegenmutter auf Hinterwand

Vorderwandmontage (Buchse)

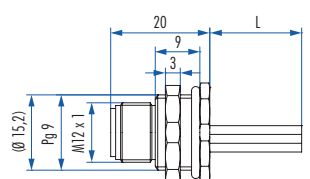


Montage auf Vorderwand

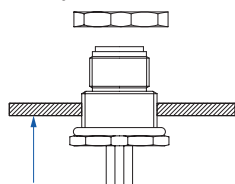


Gegenmutter auf Hinterwand

Hinterwandmontage (Stift)

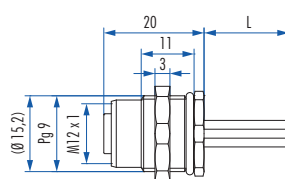


Gegenmutter auf Vorderwand

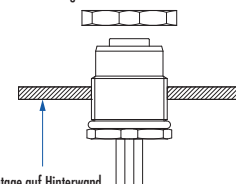


Montage auf Hinterwand

Hinterwandmontage (Buchse)



Gegenmutter auf Vorderwand



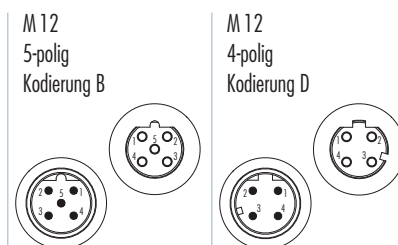
Montage auf Hinterwand



Gerüststeckverbinder mit offenem Kabelende



Hinter-/Vorderwandmontage mit Kabel



Metallgehäuse

40 cm Hinterwandmontage ¹⁾	Stift	JEM05B12PG9BM40	JEM04D12PG9BM40
	Buchse	JEF05B12PG9BM40	JEF04D12PG9BM40
40 cm Vorderwandmontage ²⁾	Stift	JEM05B12PG9FM40	JEM04D12PG9FM40
	Buchse	JEF05B12PG9FM40	JEF04D12PG9FM40
50 cm Hinterwandmontage ¹⁾	Stift	JEM05B12PG9BM50	JEM04D12PG9BM50
	Buchse	JEF05B12PG9BM50	JEF04D12PG9BM50
50 cm Vorderwandmontage ²⁾	Stift	JEM05B12PG9FM50	JEM04D12PG9FM50
	Buchse	JEF05B12PG9FM50	JEF04D12PG9FM50

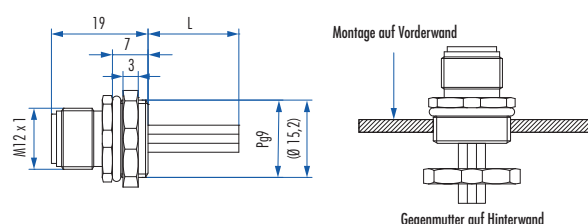
Kunststoffgehäuse

40 cm Hinterwandmontage ¹⁾	Stift	JEM05B12PG9BP40	JEM04D12PG9BP40
	Buchse	JEF05B12PG9BP40	JEF04D12PG9BP40
40 cm Vorderwandmontage ²⁾	Stift	JEM05B12PG9FP40	JEM04D12PG9FP40
	Buchse	JEF05B12PG9FP40	JEF04D12PG9FP40
50 cm Hinterwandmontage ¹⁾	Stift	JEM05B12PG9BP50	JEM04D12PG9BP50
	Buchse	JEF05B12PG9BP50	JEF04D12PG9BP50
50 cm Vorderwandmontage ²⁾	Stift	JEM05B12PG9FP50	JEM04D12PG9FP50
	Buchse	JEF05B12PG9FP50	JEF04D12PG9FP50

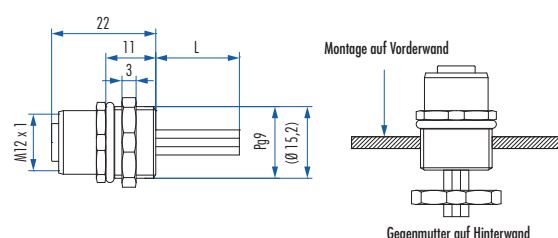
¹⁾ Gegenmutter auf Vorderwand

²⁾ Gegenmutter auf Hinterwand

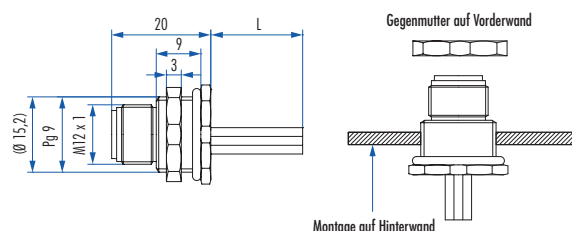
Vorderwandmontage (Stift)



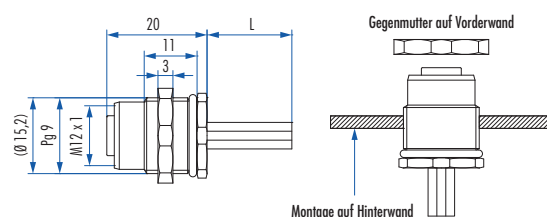
Vorderwandmontage (Buchse)



Hinterwandmontage (Stift)



Hinterwandmontage (Buchse)



Gerätesteckverbinder mit offenem Kabelende

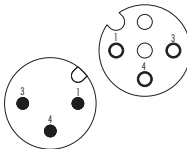


Gerätesteckverbinder M 12

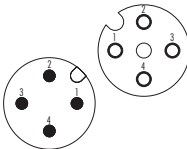
Gerätesteckverbinder „Lötkontakte“



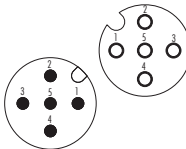
M 12
3-polig
Kodierung A



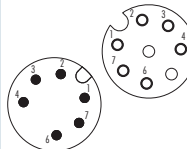
M 12
4-polig
Kodierung A



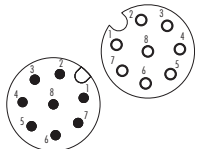
M 12
5-polig
Kodierung A



M 12
6-polig
Kodierung A



M 12
8-polig
Kodierung A



Metallgehäuse

Hinterwandmontage ¹⁾	Buchse	JEF03M12PG9BMSO	JEF04M12PG9BMSO	JEF05M12PG9BMSO	JEF06M12PG9BMSO	JEF08M12PG9BMSO
Vorderwandmontage ²⁾	Stift	JEM03M12PG11FMSO	JEM04M12PG11FMSO	JEM05M12PG11FMSO	JEM06M12PG11FMSO	JEM08M12PG11FMSO

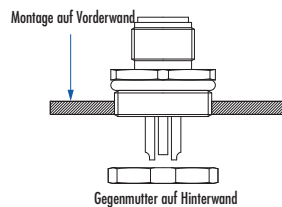
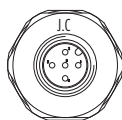
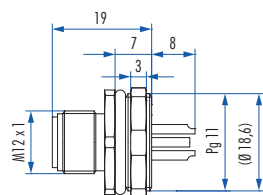
Kunststoffgehäuse

Hinterwandmontage ¹⁾	Buchse	JEF03M12PG9BPSO	JEF04M12PG9BPSO	JEF05M12PG9BPSO	JEF06M12PG9BPSO	JEF08M12PG9BPSO
Vorderwandmontage ²⁾	Stift	JEM03M12PG11FPSO	JEM04M12PG11FPSO	JEM05M12PG11FPSO	JEM06M12PG11FPSO	JEM08M12PG11FPSO

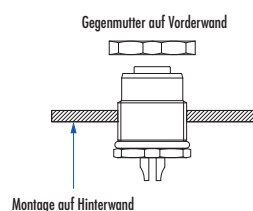
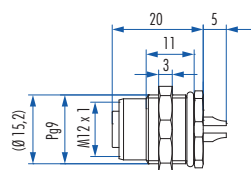
¹⁾ Gegenmutter auf Vorderwand

²⁾ Gegenmutter auf Hinterwand

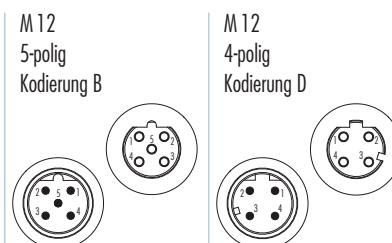
Vorderwandmontage (Stift)



Hinterwandmontage (Buchse)



Gerütesteckverbinder „Lötkontakte“



Metallgehäuse

Hinterwandmontage ¹⁾	Buchse	JEF05MB12PG9BMSO	JEF04D12PG9BMSO
Vorderwandmontage ²⁾	Stift	JEM05B12PG11FMSO	JEM04D12PG11FMSO

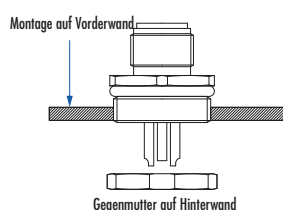
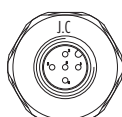
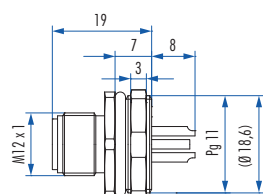
Kunststoffgehäuse

Hinterwandmontage ¹⁾	Buchse	JEF05B12PG9BPSO	JEF04D12PG9BPSO
Vorderwandmontage ²⁾	Stift	JEM05B12PG11FPSO	JEM04D12PG11FPSO

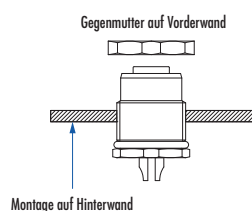
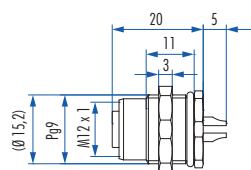
¹⁾ Gegenmutter auf Vorderwand

²⁾ Gegenmutter auf Hinterwand

Vorderwandmontage (Stift)



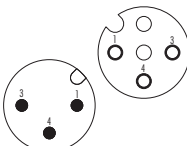
Hinterwandmontage (Buchse)



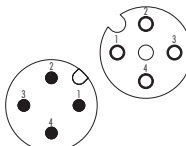
Gerade / Metall



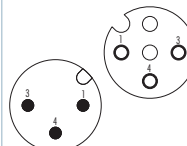
M 12
3-polig
Kodierung A



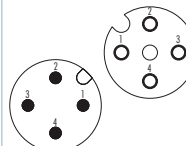
M 12
4-polig
Kodierung A



M 12
3-polig geschirmt
Kodierung A



M 12
4-polig geschirmt
Kodierung A



Kabelsteckverbinder

3 – 6,5 mm Kabeldurchmesser

JFFD03M12SOPG7

JFFD04M12SOPG7

JFFD03M12SOPG7B

JFFD04M12SOPG7B

4 – 8 mm Kabeldurchmesser

JFFD03M12SOPG9

JFFD04M12SOPG9

JFFD03M12SOPG9B

JFFD04M12SOPG9B

Kupplungssteckverbinder

3 – 6,5 mm Kabeldurchmesser

JFMD03M12SOPG7

JFMD04M12SOPG7

JFMD03M12SOPG7B

JFMD04M12SOPG7B

4 – 8 mm Kabeldurchmesser

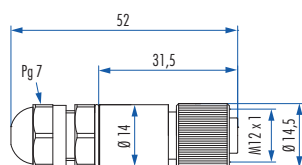
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JFMD04M12SOPG9

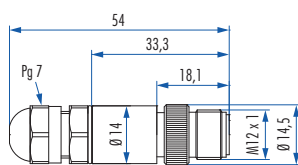
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JFMD04M12SOPG9B

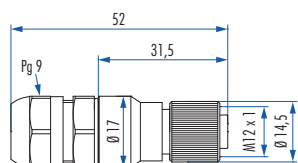
Kabelsteckverbinder (3 – 6,5 mm)



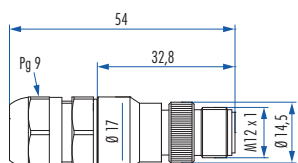
Kupplungssteckverbinder (3 – 6,5 mm)



Kabelsteckverbinder (4 – 8 mm)



Kupplungssteckverbinder (4 – 8 mm)

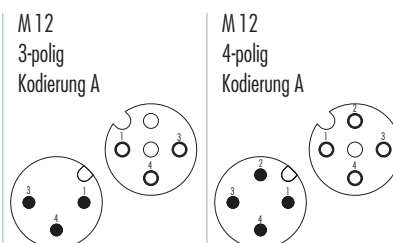


STECKVERBINDER M 12

Kabel- / Kupplungssteckverbinder M 12



Gerade / Kunststoff



Kabelsteckverbinder

3 – 6,5 mm Kabeldurchmesser

JFFD03M12SOPG7K

JFFD04M12SOPG7K

4 – 8 mm Kabeldurchmesser

JFFD03M12SOPG9K

JFFD04M12SOPG9K

Kupplungssteckverbinder

3 – 6,5 mm Kabeldurchmesser

JFMD03M12SOPG7K

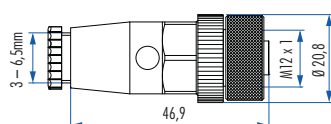
JFMD04M12SOPG7K

4 – 8 mm Kabeldurchmesser

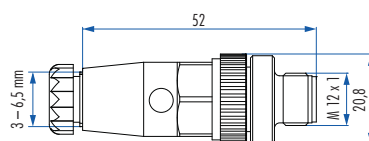
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JFMD04M12SOPG9K

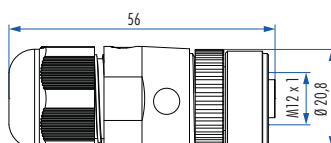
Kabelsteckverbinder (3 – 6,5 mm)



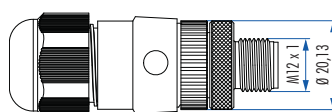
Kupplungssteckverbinder (3 – 6,5 mm)



Kabelsteckverbinder (4 – 8 mm)



Kupplungssteckverbinder (4 – 8 mm)



Kabel- / Kupplungssteckverbinder konfektionierbar „Gerade / Kunststoff“

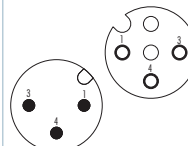


Winkelsteckverbinder M 12

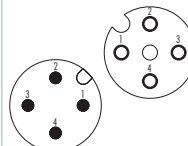
Winkel / Kunststoff



M 12
3-polig
Kodierung A



M 12
4-polig
Kodierung A



Winkelsteckverbinder (Buchse)

3 – 6,5 mm Kabeldurchmesser

4 – 8 mm Kabeldurchmesser

JFFC03M12SOPG7K

JFFC03M12SOPG9K

JFFC04M12SOPG7K

JFFC04M12SOPG9K

Winkelsteckverbinder (Stift)

3 – 6,5 mm Kabeldurchmesser

4 – 8 mm Kabeldurchmesser

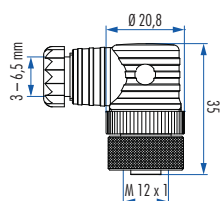
JFMC03M12SOPG7K

JFMC03M12SOPG9K

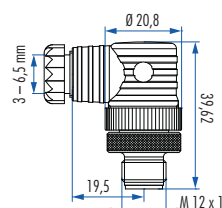
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JFMC04M12SOPG9K

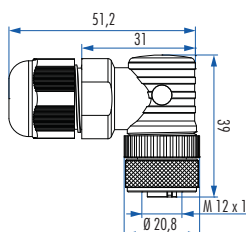
Winkelsteckverbinder (Buchse) (3 – 6,5 mm)



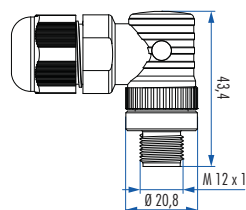
Winkelsteckverbinder (Stift) (3 – 6,5 mm)



Winkelsteckverbinder (Buchse) (4 – 8 mm)



Winkelsteckverbinder (Stift) (4 – 8 mm)



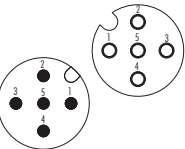
Winkelsteckverbinder konfektionierbar



Metallgehäuse

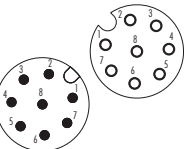
Stift / Buchse

M 12
5-polig
Kodierung A



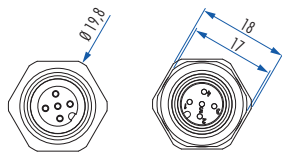
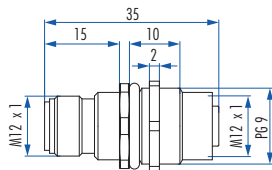
J425310006

M 12
8-polig
Kodierung A



J425313006

Schottdurchführung (Stift / Buchse)



STECKVERBINDER M 12



STECKVERBINDER M 8

Die Kompaktheit ist ihre Stärke. M 8 Steckverbinder sind auch auf engstem Raum einsetzbar. Ob als Winkel-, als Kabel- oder als Kupplungssteckverbinder, die Serie M 8 ist als 3- oder 4-polige Variante vielfach im Einsatz. In der Automation und im Maschinen- und Anlagenbau sind die M8 Stecker zur festen Größe geworden.

- // 3- und 4-polige Varianten
- // Kabel-, Kupplungs- und Winkelsteckverbinder
- // Gerätestecker
- // Verlängerungsleitungen
- // Adapterleitungen



STECKVERBINDER M 8

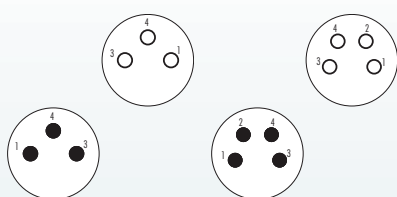
Produktübersicht

Gehäuse

► 42



Kontakteinsätze



Mechanische Daten

Gehäuse	Kupfer-Zink-Legierung
Umspritzung	Thermoplastisches Elastomer
Kontakteinsätze	PA66 / Glasfaser Brandschutzklasse V0
Kontakte	Kupfer-Zink-Legierung
Kontaktfläche im Kontaktbereich	vernickelt, vergoldet
Dichtungen / O-Ringe	Fluorokarbonat
Temperaturbereich	-30 °C – +70 °C (statische Betriebstemperatur) -5 °C – +70 °C (dynamische Betriebstemperatur)
Schutzart, Dichtigkeit	IP 67

Elektrische Daten

Anzahl der Kontakte	3	4
Kontakt-Ø [mm]	0,25	0,25
Nennstrom [A]	4	4
Nennspannung [V~] bei Verschmutzungsgrad 3	60	60
Prüfspannung [V~]	1000	1000
Isolationswiderstand [MΩ]	> 10 ⁹	> 10 ⁹

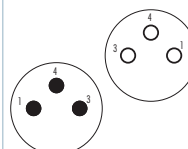


Kabel- / Kupplungssteckverbinder M 8 umspritzt

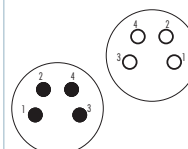
Gerade



M 8
3-polig



M 8
4-polig



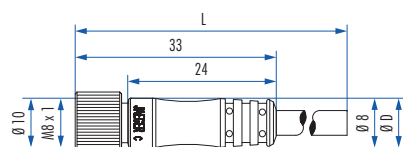
Kabel PVC

1,5 m	Stift	JFMD03M8015C	JFMD04M8015C
	Buchse	JFFD03M8015C	JFFD04M8015C
3 m	Stift	JFMD03M8030C	JFMD04M8030C
	Buchse	JFFD03M8030C	JFFD04M8030C
5 m	Stift	JFMD03M8050C	JFMD04M8050C
	Buchse	JFFD03M8050C	JFFD04M8050C
10 m	Stift	JFMD03M8100C	JFMD04M8100C
	Buchse	JFFD03M8100C	JFFD04M8100C

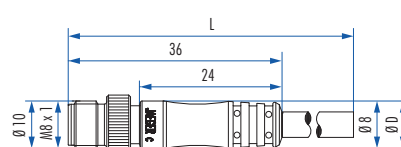
Kabel PUR

1,5 m	Stift	JFMD03M8015P	JFMD04M8015P
	Buchse	JFFD03M8015P	JFFD04M8015P
3 m	Stift	JFMD03M8030P	JFMD04M8030P
	Buchse	JFFD03M8030P	JFFD04M8030P
5 m	Stift	JFMD03M8050P	JFMD04M8050P
	Buchse	JFFD03M8050P	JFFD04M8050P
10 m	Stift	JFMD03M8100P	JFMD04M8100P
	Buchse	JFFD03M8100P	JFFD04M8100P

Kabelsteckverbinder



Kupplungssteckverbinder

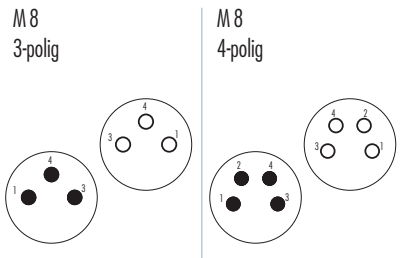


umspritzter Steckverbinder mit offenem Kabelende

STECKVERBINDER M 8

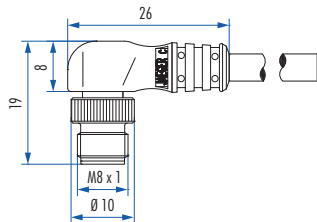
Winkelsteckverbinder M 8 umspritzt

Winkel

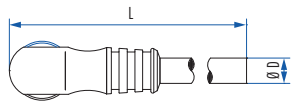
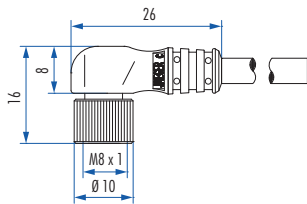


Kabel PVC		M 8 3-polig	M 8 4-polig
1,5 m	Stift	JFMC03M8015C	JFMC04M8015C
	Buchse	JFFC03M8015C	JFFC04M8015C
3 m	Stift	JFMC03M8030C	JFMC04M8030C
	Buchse	JFFC03M8030C	JFFC04M8030C
5 m	Stift	JFMC03M8050C	JFMC04M8050C
	Buchse	JFFC03M8050C	JFFC04M8050C
10 m	Stift	JFMC03M8100C	JFMC04M8100C
	Buchse	JFFC03M8100C	JFFC04M8100C
Kabel PUR			
1,5 m	Stift	JFMC03M8015P	JFMC04M8015P
	Buchse	JFFC03M8015P	JFFC04M8015P
3 m	Stift	JFMC03M8030P	JFMC04M8030P
	Buchse	JFFC03M8030P	JFFC04M8030P
5 m	Stift	JFMC03M8050P	JFMC04M8050P
	Buchse	JFFC03M8050P	JFFC04M8050P
10 m	Stift	JFMC03M8100P	JFMC04M8100P
	Buchse	JFFC03M8100P	JFFC04M8100P

Winkelsteckverbinder (Stift)



Winkelsteckverbinder (Buchse)



umspritzter Winkelsteckverbinder mit offenem Kabelende

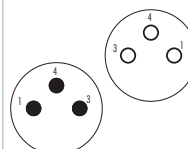


Verlängerungsleitung Kabel- / Kupplungsstecker M 8 umspritzt

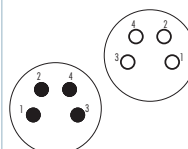
Gerade / Gerade



M 8
3-polig



M 8
4-polig



Kabel PVC

1,5 m

JFFDFMD03M8015C

JFFDFMD04M8015C

3 m

JFFDFMD03M8030C

JFFDFMD04M8030C

5 m

JFFDFMD03M8050C

JFFDFMD04M8050C

10 m

JFFDFMD03M8100C

JFFDFMD04M8100C

Kabel PUR

1,5 m

JFFDFMD03M8015P

JFFDFMD04M8015P

3 m

JFFDFMD03M8030P

JFFDFMD04M8030P

5 m

JFFDFMD03M8050P

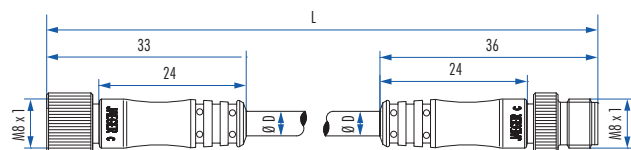
JFFDFMD04M8050P

10 m

JFFDFMD03M8100P

JFFDFMD04M8100P

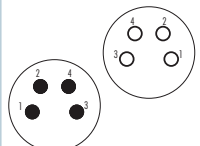
Kabelsteckverbinder (Buchse) / Kupplungssteckverbinder (Stift)



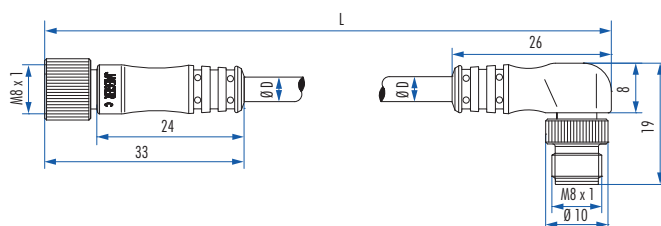
STECKVERBINDER M 8

Verlängerungsleitung Kabel- / Kupplungsstecker M 8 umspritzt



		Gerade / Winkel	
		M 8 3-polig	M 8 4-polig
			
Kabel PVC			
1,5 m	Stift Winkel Buchse Gerade	JFFDFMC03M8015C	JFFDFMC04M8015C
3 m	Stift Winkel Buchse Gerade	JFFDFMC03M8030C	JFFDFMC04M8030C
5 m	Stift Winkel Buchse Gerade	JFFDFMC03M8050C	JFFDFMC04M8050C
10 m	Stift Winkel Buchse Gerade	JFFDFMC03M8100C	JFFDFMC04M8100C
Kabel PUR			
1,5 m	Stift Winkel Buchse Gerade	JFFDFMC03M8015P	JFFDFMC04M8015P
3 m	Stift Winkel Buchse Gerade	JFFDFMC03M8030P	JFFDFMC04M8030P
5 m	Stift Winkel Buchse Gerade	JFFDFMC03M8050P	JFFDFMC04M8050P
10 m	Stift Winkel Buchse Gerade	JFFDFMC03M8100P	JFFDFMC04M8100P

Kabelsteckverbinder (Buchse) / Winkelsteckverbinder (Stift)



Verlängerungsleitung „Gerade / Winkel“ umspritzt

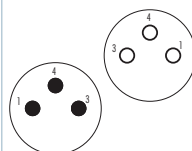


Verlängerungsleitung Kabel- / Kupplungsstecker M 8 umspritzt

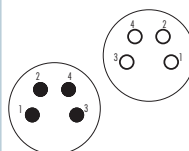
Winkel / Gerade



M 8
3-polig



M 8
4-polig



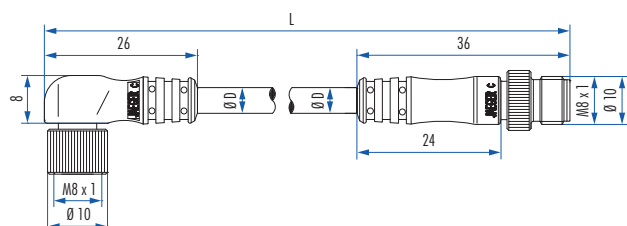
Kabel PVC

1,5 m	Stift Gerade Buchse Winkel	JFFCFMD03M8015C	JFFCFMD04M8015C
3 m	Stift Gerade Buchse Winkel	JFFCFMD03M8030C	JFFCFMD04M8030C
5 m	Stift Gerade Buchse Winkel	JFFCFMD03M8050C	JFFCFMD04M8050C
10 m	Stift Gerade Buchse Winkel	JFFCFMD03M8100C	JFFCFMD04M8100C

Kabel PUR

1,5 m	Stift Gerade Buchse Winkel	JFFCFMD03M8015P	JFFCFMD04M8015P
3 m	Stift Gerade Buchse Winkel	JFFCFMD03M8030P	JFFCFMD04M8030P
5 m	Stift Gerade Buchse Winkel	JFFCFMD03M8050P	JFFCFMD04M8050P
10 m	Stift Gerade Buchse Winkel	JFFCFMD03M8100P	JFFCFMD04M8100P

Winkelsteckverbinder (Buchse) / Kupplungssteckverbinder (Stift)



Verlängerungsleitung „Winkel / Gerade“ umspritzt

STECKVERBINDER M 8

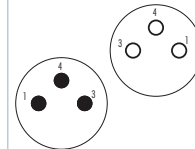
Verlängerungsleitung Winkelsstecker M 8 umspritzt



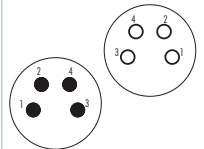
Winkel / Winkel



M 8
3-polig



M 8
4-polig



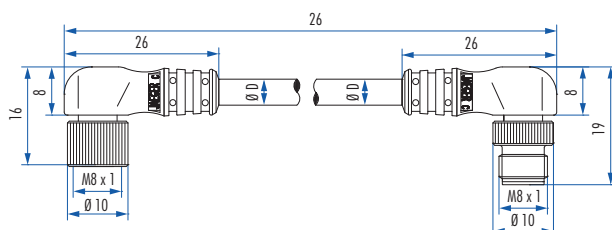
Kabel PVC

1,5 m	JFFCFMC03M8015C	JFFCFMC04M8015C
3 m	JFFCFMC03M8030C	JFFCFMC04M8030C
5 m	JFFCFMC03M8050C	JFFCFMC04M8050C
10 m	JFFCFMC03M8100C	JFFCFMC04M8100C

Kabel PUR

1,5 m	JFFCFMC03M8015P	JFFCFMC04M8015P
3 m	JFFCFMC03M8030P	JFFCFMC04M8030P
5 m	JFFCFMC03M8050P	JFFCFMC04M8050P
10 m	JFFCFMC03M8100P	JFFCFMC04M8100P

Winkelsteckverbinder (Buchse) / Winkelsteckverbinder (Stift)



Verlängerungsleitung „Winkel / Winkel“ umspritzt

M 12

M 8

Sonderlösungen

Verteilerboxen

Litzenfarben



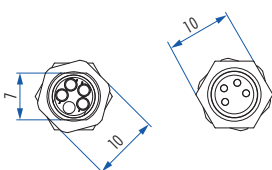
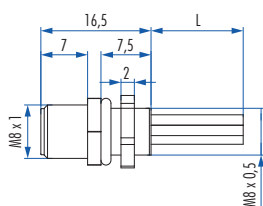
Gerüststeckverbinder M 8

		M 8 3-polig M 8 4-polig	
Metallgehäuse			
40 cm	Stift Hinterwandmontage ¹⁾	JEM03M8BM40	JEM04M8BM40
	Stift Vorderwandmontage ²⁾	JEM03M8FM40	JEM04M8FM40
	Buchse Vorderwandmontage ²⁾	JEF03M8FM40	JEF04M8FM40
50 cm	Stift Hinterwandmontage ¹⁾	JEM03M8BM50	JEM04M8BM50
	Stift Vorderwandmontage ²⁾	JEM03M8FM50	JEM04M8FM50
	Buchse Vorderwandmontage ²⁾	JEF03M8FM50	JEF04M8FM50
Kunststoffgehäuse			
40 cm	Stift Hinterwandmontage ¹⁾	JEM03M8BP40	JEM04M8BP40
	Stift Vorderwandmontage ²⁾	JEM03M8FP40	JEM04M8FP40
	Buchse Vorderwandmontage ²⁾	JEF03M8FP40	JEF04M8FP40
50 cm	Stift Hinterwandmontage ¹⁾	JEM03M8BP50	JEM04M8BP50
	Stift Vorderwandmontage ²⁾	JEM03M8FP50	JEM04M8FP50
	Buchse Vorderwandmontage ²⁾	JEF03M8FP50	JEF04M8FP50

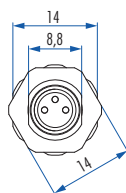
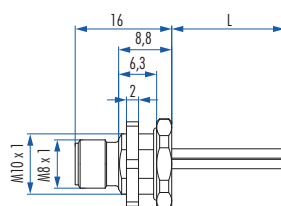
¹⁾ Gegenmutter auf Vorderwand

²⁾ Gegenmutter auf Hinterwand

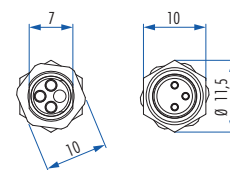
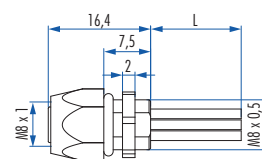
Vorderwandmontage



Hinterwandmontage



Vorderwandmontage



Gerüststeckverbinder mit offenem Kabelende

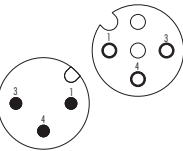
STECKVERBINDER M 8

Kabel- / Kupplungssteckverbinder M 8

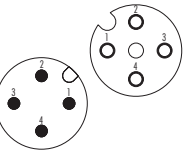
Gerade



M 8
3-polig
Kodierung A



M 8
4-polig
Kodierung A



Kabelsteckverbinder

3 – 6,5 mm Kabeldurchmesser

JFFD03M8SOPG7K

JFFD04M8SOPG7K

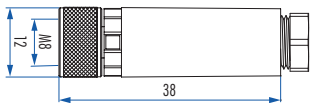
Kupplungssteckverbinder

3 – 6,5 mm Kabeldurchmesser

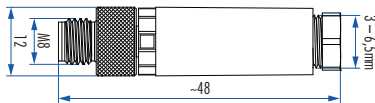
JFMD03M8SOPG7K

JFMD04M8SOPG7K

Kabelsteckverbinder



Kupplungssteckverbinder



Kabel- / Kupplungssteckverbinder konfektionierbar „Gerade / Kunststoff“

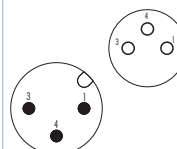


Adapterleitung Kabel- / Kuplungsstecker M 8 / M 12 umspritzt

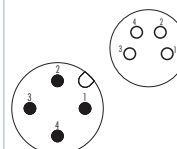
Gerade / Gerade



M 8
3-polig



M 8
4-polig



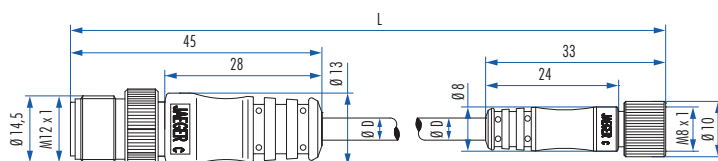
Kabel PVC

1,5 m	M 12 Stift M 8 Buchse	JMD3M12FDM8015C	JMD4M12FDM8015C
3 m	M 12 Stift M 8 Buchse	JMD3M12FDM8030C	JMD4M12FDM8030C
5 m	M 12 Stift M 8 Buchse	JMD3M12FDM8050C	JMD4M12FDM8050C
7,5 m	M 12 Stift M 8 Buchse	JMD3M12FDM8075C	JMD4M12FDM8075C
10 m	M 12 Stift M 8 Buchse	JMD3M12FDM8100C	JMD4M12FDM8100C

Kabel PUR

1,5 m	M 12 Stift M 8 Buchse	JMD3M12FDM8015P	JMD4M12FDM8015P
3 m	M 12 Stift M 8 Buchse	JMD3M12FDM8030P	JMD4M12FDM8030P
5 m	M 12 Stift M 8 Buchse	JMD3M12FDM8050P	JMD4M12FDM8050P
7,5 m	M 12 Stift M 8 Buchse	JMD3M12FDM8075P	JMD4M12FDM8075P
10 m	M 12 Stift M 8 Buchse	JMD3M12FDM8100P	JMD4M12FDM8100P

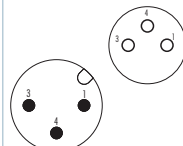
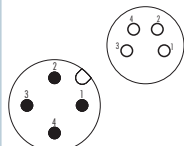
Kuplungssteckverbinder M 12 / Kabelsteckverbinder M 8



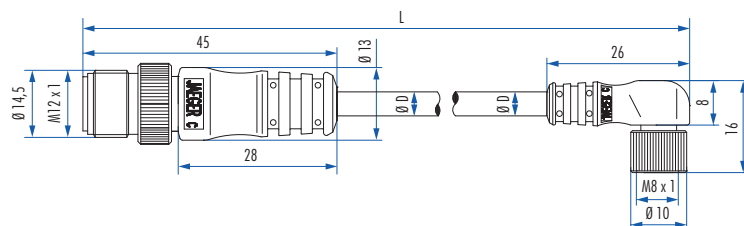
STECKVERBINDER M 8 / M12

Adapterleitung Kabel- / Kupplungsstecker M 8 / M 12 umspritzt



		Gerade / Winkel	
		M 12 / M 8 Doppel 3-polig	M 12 / M 8 Doppel 4-polig
			
Kabel PVC			
1,5 m	M 12 Stift Gerade M 8 Buchse Winkel	JMD3M12FCM8015C	JMD4M12FCM8015C
3 m	M 12 Stift Gerade M 8 Buchse Winkel	JMD3M12FCM8030C	JMD4M12FCM8030C
5 m	M 12 Stift Gerade M 8 Buchse Winkel	JMD3M12FCM8050C	JMD4M12FCM8050C
7,5 m	M 12 Stift Gerade M 8 Buchse Winkel	JMD3M12FCM8075C	JMD4M12FCM8075C
10 m	M 12 Stift Gerade M 8 Buchse Winkel	JMD3M12FCM8100C	JMD4M12FCM8100C
Kabel PUR			
1,5 m	M 12 Stift Gerade M 8 Buchse Winkel	JMD3M12FCM8015P	JMD4M12FCM8015P
3 m	M 12 Stift Gerade M 8 Buchse Winkel	JMD3M12FCM8030P	JMD4M12FCM8030P
5 m	M 12 Stift Gerade M 8 Buchse Winkel	JMD3M12FCM8050P	JMD4M12FCM8050P
7,5 m	M 12 Stift Gerade M 8 Buchse Winkel	JMD3M12FCM8075P	JMD4M12FCM8075P
10 m	M 12 Stift Gerade M 8 Buchse Winkel	JMD3M12FCM8100P	JMD4M12FCM8100P

Kupplungssteckverbinder M 12 / Winkelsteckverbinder M 8 (Buchse)



Adapterleitung „Gerade / Winkel“ umspritzt

STECKVERBINDER M 8 / M12

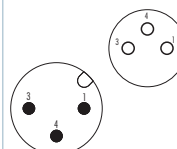


Adapterleitung Kabel- / Kupplungsstecker M 12 / M 8 umspritzt

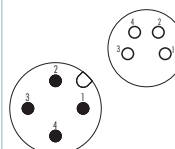
Winkel / Gerade



M 12 / M 8 Doppel
3-polig



M 12 / M 8 Doppel
4-polig



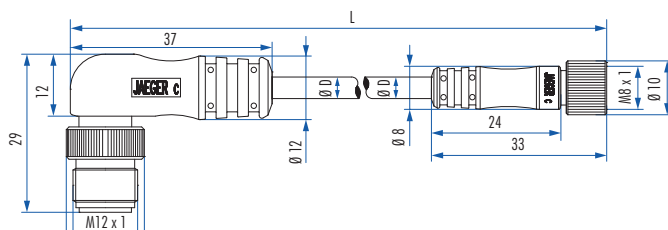
Kabel PVC

1,5 m	M 12 Stift Winkel M 8 Buchse Gerade	JMC3M12FDM8015C	JMC4M12FDM8015C
3 m	M 12 Stift Winkel M 8 Buchse Gerade	JMC3M12FDM8030C	JMC4M12FDM8030C
5 m	M 12 Stift Winkel M 8 Buchse Gerade	JMC3M12FDM8050C	JMC4M12FDM8050C
7,5 m	M 12 Stift Winkel M 8 Buchse Gerade	JMC3M12FDM8075C	JMC4M12FDM8075C
10 m	M 12 Stift Winkel M 8 Buchse Gerade	JMC3M12FDM8100C	JMC4M12FDM8100C

Kabel PUR

1,5 m	M 12 Stift Winkel M 8 Buchse Gerade	JMC3M12FDM8015P	JMC4M12FDM8015P
3 m	M 12 Stift Winkel M 8 Buchse Gerade	JMC3M12FDM8030P	JMC4M12FDM8030P
5 m	M 12 Stift Winkel M 8 Buchse Gerade	JMC3M12FDM8050P	JMC4M12FDM8050P
7,5 m	M 12 Stift Winkel M 8 Buchse Gerade	JMC3M12FDM8075P	JMC4M12FDM8075P
10 m	M 12 Stift Winkel M 8 Buchse Gerade	JMC3M12FDM8100P	JMC4M12FDM8100P

Winkelsteckverbinder M 12 (Stift) / Kabelsteckverbinder M 8

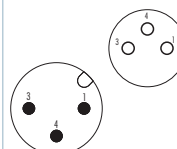


Adapterleitung „Gerade / Winkel“ umspritzt

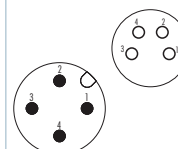
Adapterleitung Winkelstecker M 12 / M 8 umspritzt



M 12 / M 8 Doppel
3-polig



M 12 / M 8 Doppel
4-polig



1,5 m	M 12 Stift Winkel
	M 8 Buchse Winkel
3 m	M 12 Stift Winkel
	M 8 Buchse Winkel
5 m	M 12 Stift Winkel
	M 8 Buchse Winkel
7,5 m	M 12 Stift Winkel
	M 8 Buchse Winkel
10 m	M 12 Stift Winkel
	M 8 Buchse Winkel

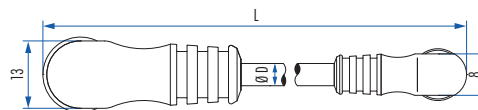
JMC3M12FCM8015C

JMC4M12FCM8015C

1,5 m	M 12 Stift Winkel M 8 Buchse Winkel
3 m	M 12 Stift Winkel M 8 Buchse Winkel
5 m	M 12 Stift Winkel M 8 Buchse Winkel
7,5 m	M 12 Stift Winkel M 8 Buchse Winkel
10 m	M 12 Stift Winkel M 8 Buchse Winkel

JMC3M12FCM8015P

JMC4M12FCM8015P



STECKVERBINDER M 8



SONDERLÖSUNGEN

Für jede Anwendung die passende Verbindung. Die Sonderlösungen decken eine Vielzahl an Kombinationen ab. Verlängerungs- und Adapterleitungen mit T- und Y-Steckern stehen in zahlreichen Varianten zur Verfügung. Und sollte dennoch die benötigte Version nicht dabei sein, können auch kundenspezifische Lösungen entwickelt und produziert werden.

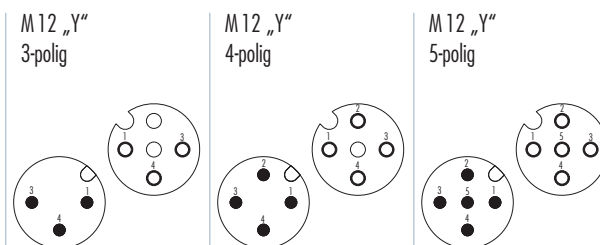
- // Y-Stecker Verlängerungsleitungen
- // T-Stecker Verlängerungsleitungen
- // Adapterleitungen





Y-Stecker + Kabelsteckverbinder M 12 umspritzt

„Y“ (Stift) auf Gerade / Gerade (Buchse)



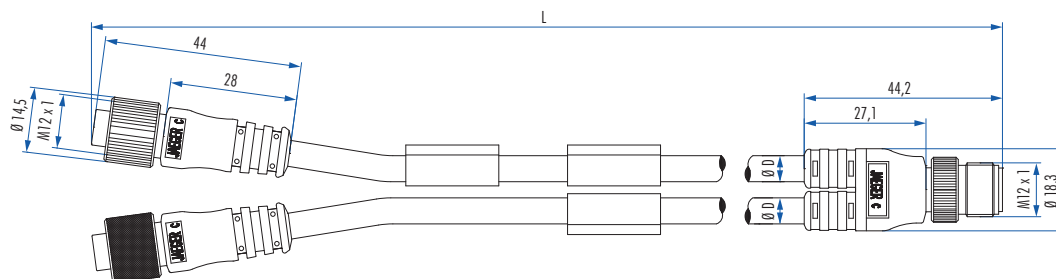
Kabel PVC

0,3 m	JYM1242FFD03003C	JYM1252FFD04003C	JYM1252FFD05003C
0,6 m	JYM1242FFD03006C	JYM1252FFD04006C	JYM1252FFD05006C
0,8 m	JYM1242FFD03008C	JYM1252FFD04008C	JYM1252FFD05008C
1 m	JYM1242FFD03010C	JYM1252FFD04010C	JYM1252FFD05010C

Kabel PUR

0,3 m	JYM1242FFD03003P	JYM1252FFD04003P	JYM1252FFD05003P
0,6 m	JYM1242FFD03006P	JYM1252FFD04006P	JYM1252FFD05006P
0,8 m	JYM1242FFD03008P	JYM1252FFD04008P	JYM1252FFD05008P
1 m	JYM1242FFD03010P	JYM1252FFD04010P	JYM1252FFD05010P

Y-Stecker (Stift) + Kabelsteckverbinder (Buchse)



Verlängerungsleitung Sonderlösung „Y-Stecker auf Gerade / Gerade“ umspritzt

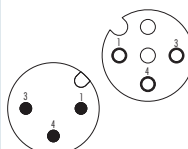
Y-Stecker + Winkelsteckverbinder M 12 umspritzt



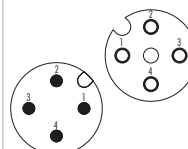
„Y“ (Stift) auf Winkel / Winkel (Buchse)



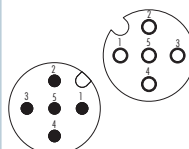
M 12 „Y“
3-polig



M 12 „Y“
4-polig



M 12 „Y“
5-polig



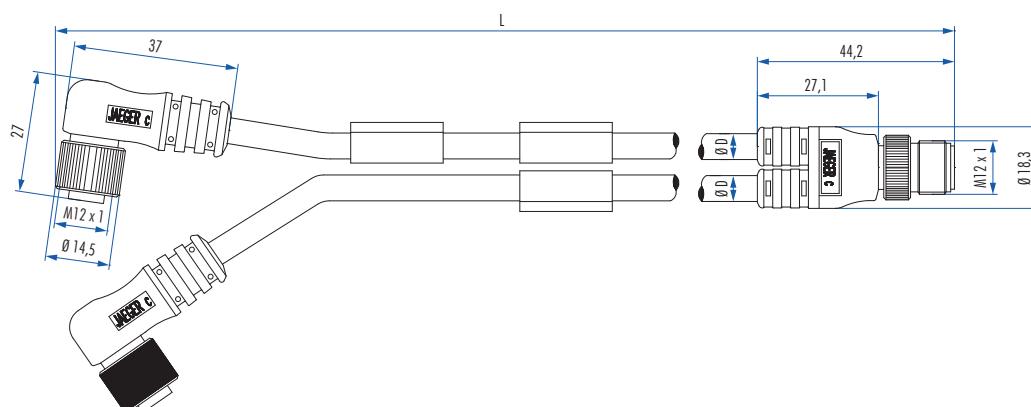
Kabel PVC

0,3 m	JYM1242FFC03003C	JYM1252FFC04003C	JYM1252FFC05003C
0,6 m	JYM1242FFC03006C	JYM1252FFC04006C	JYM1252FFC05006C
0,8 m	JYM1242FFC03008C	JYM1252FFC04008C	JYM1252FFC05008C
1 m	JYM1242FFC03010C	JYM1252FFC04010C	JYM1252FFC05010C

Kabel PUR

0,3 m	JYM1242FFC03003P	JYM1252FFC04003P	JYM1252FFC05003P
0,6 m	JYM1242FFC03006P	JYM1252FFC04006P	JYM1252FFC05006P
0,8 m	JYM1242FFC03008P	JYM1252FFC04008P	JYM1252FFC05008P
1 m	JYM1242FFC03010P	JYM1252FFC04010P	JYM1252FFC05010P

Y-Stecker (Stift) + Winkelsteckverbinder (Buchse)



Verlängerungsleitung Sonderlösung „Y-Stecker auf Winkel / Winkel“ umspritzt

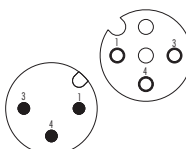


T-Stecker + Kupplungssteckverbinder M 12 umspritzt

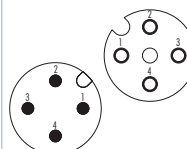
„T“ (Buchse) auf Gerade (Stift)



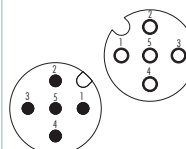
M 12 „T“
3-polig



M 12 „T“
4-polig



M 12 „T“
5-polig



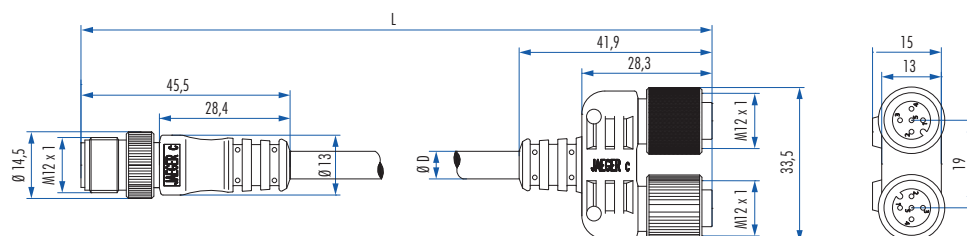
Kabel PVC

0,3 m	JTM12FF3FMD4003C	JTM12FF4FMD5003C	JTM12FF5FMD5003C
0,6 m	JTM12FF3FMD4006C	JTM12FF4FMD5006C	JTM12FF5FMD5006C
0,8 m	JTM12FF3FMD4008C	JTM12FF4FMD5008C	JTM12FF5FMD5008C
1 m	JTM12FF3FMD4010C	JTM12FF4FMD5010C	JTM12FF5FMD5010C

Kabel PUR

0,3 m	JTM12FF3FMD4003P	JTM12FF4FMD5003P	JTM12FF5FMD5003P
0,6 m	JTM12FF3FMD4006P	JTM12FF4FMD5006P	JTM12FF5FMD5006P
0,8 m	JTM12FF3FMD4008P	JTM12FF4FMD5008P	JTM12FF5FMD5008P
1 m	JTM12FF3FMD4010P	JTM12FF4FMD5010P	JTM12FF5FMD5010P

Kupplungssteckverbinder / T-Stecker

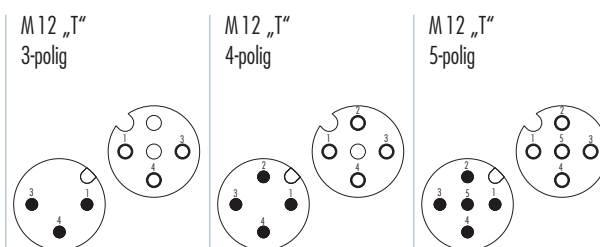


Verlängerungsleitung Sonderlösung „T-Stecker / Gerade“ umspritzt

T-Stecker + Winkelsteckverbinder (Stift) M 12 umspritzt



„T“ (Buchse) auf Winkel (Stift)



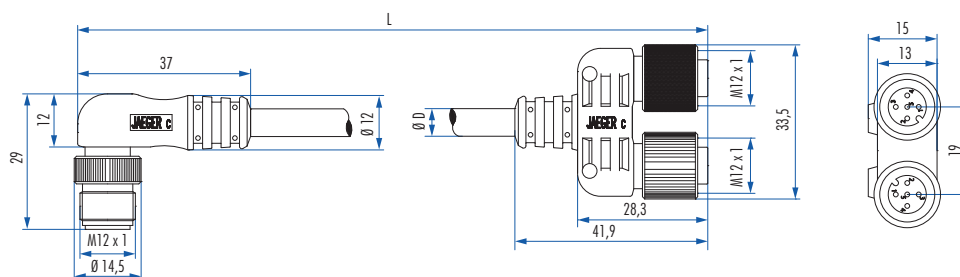
Kabel PVC

0,3 m	JTM12FF3FMC4003C	JTM12FF4FMC5003C	JTM12FF5FMC5003C
0,6 m	JTM12FF3FMC4006C	JTM12FF4FMC5006C	JTM12FF5FMC5006C
0,8 m	JTM12FF3FMC4008C	JTM12FF4FMC5008C	JTM12FF5FMC5008C
1 m	JTM12FF3FMC4010C	JTM12FF4FMC5010C	JTM12FF5FMC5010C

Kabel PUR

0,3 m	JTM12FF3FMC4003P	JTM12FF4FMC5003P	JTM12FF5FMC5003P
0,6 m	JTM12FF3FMC4006P	JTM12FF4FMC5006P	JTM12FF5FMC5006P
0,8 m	JTM12FF3FMC4008P	JTM12FF4FMC5008P	JTM12FF5FMC5008P
1 m	JTM12FF3FMC4010P	JTM12FF4FMC5010P	JTM12FF5FMC5010P

Winkelsteckverbinder (Stift)/T-Stecker



Verlängerungsleitung Sonderlösung „T-Stecker / Winkel“ umspritzt



VERTEILERBOXEN

Die Verteilerboxen verbinden Sensoren und Aktoren mit M 12 Steckverbindern. Mit ihrem robusten Design sind sie absolut industrietauglich und werden in der Automobilindustrie, in der Automation, im Maschinen- und Anlagenbau sowie in der Robotik eingesetzt.

- // 4-, 6- und 8-fach Verteilerboxen
- // Boxen mit Kabel oder M 23-Steckverbinder
- // LED-Anzeige
- // Varianten für Hochspannung



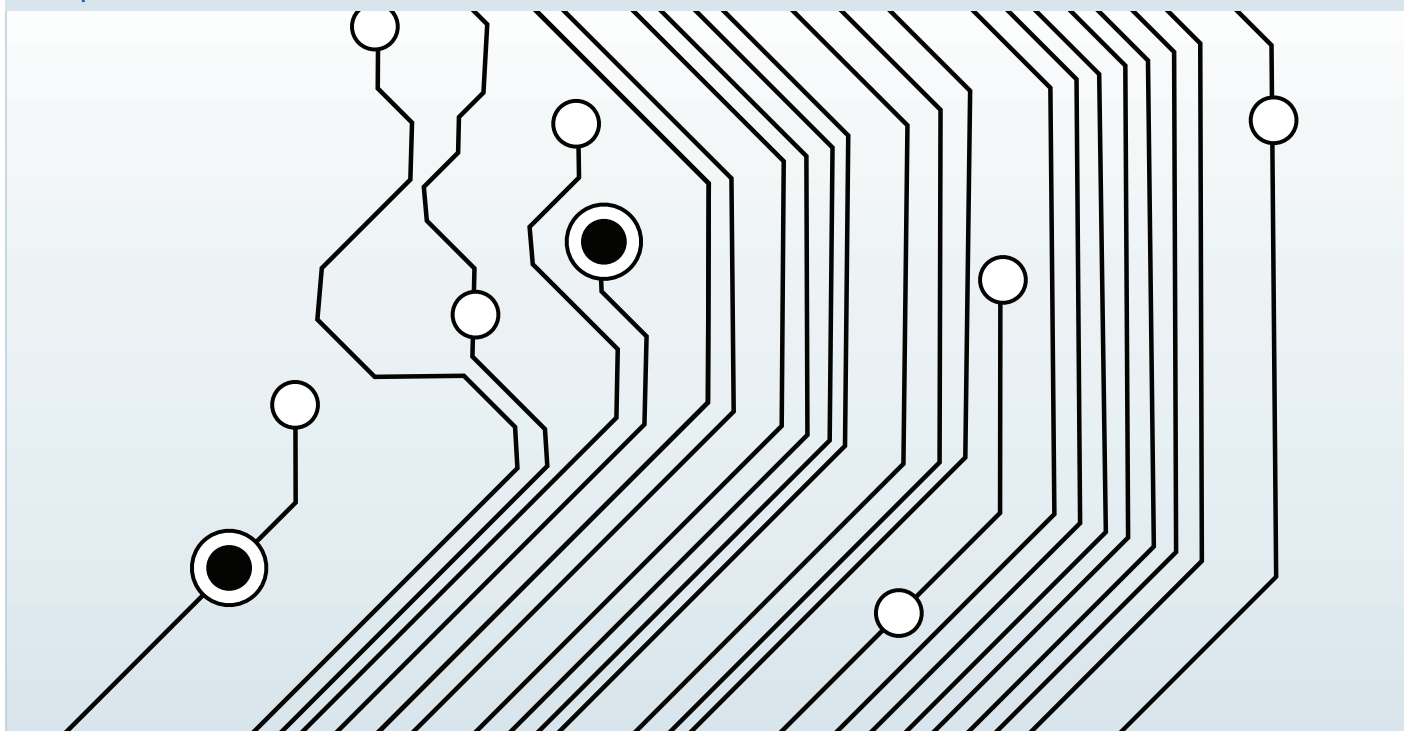
Verteilerboxen

► 64



Schaltpläne

► 70



Mechanische Daten

Gehäusedosenkörper	Messing, vernickelt
Gehäuse	PBT UL94V0 Glasfaser
Isolierkörper M 23	PBT UL94V0 Glasfaser
Isolierkörper M 12	PBT UL94V0 Glasfaser
Kontakte	Messing
Kontaktoberfläche im Kontaktbereich	vernickelt, vergoldet
Dichtungen / O-Ringe	Fluorokarbonat
Temperaturbereich	-30 °C – +70 °C
Schutzart, Dichtigkeit	IP 67
Anziehmoment	0,5 Nm (M 12 / M 12) 2 Nm (M 23 / M 23)"

Elektrische Daten

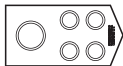
	ohne LED	mit LED
Betriebsspannung [V~]	60	10–30
Stromstärke Information [A]	4	4
Stromversorgung [A]	12 max	12 max
Durchschlagsspannung zwischen benachbarten Kontakten [V~]	1000	1000
Isolationswiderstand [$M\Omega$]	$\geq 10^9$	$\geq 10^9$
Max. Kontaktübergangswiderstand [$M\Omega$]	≤ 5	≤ 5

VERTEILERBOXEN

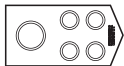
M 12 Verteilerboxen mit Gerätesteckverbinder M 23



4 Fach mit
M 23
4 + PE



4 Fach mit
M 23
3 + PE



ohne LED
mit LED

REP4M2319SL
REP4M2319AL

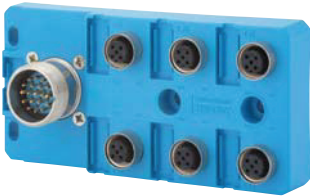
REP4M2312SL
REP4M2312AL

Schaltpläne auf Seite 70

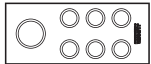
Schema 1

Schema 2

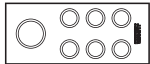
M 12 Verteilerboxen mit Gerüststeckverbinder M 23



6 Fach mit
M 23
4 + PE



6 Fach mit
M 23
3 + PE



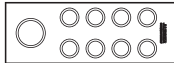
ohne LED	REP6M2319SL	REP6M2312SL
mit LED	REP6M2319AL	REP6M2312AL
Schaltpläne auf Seite 71	Schema 3	Schema 4

VERTEILERBOXEN

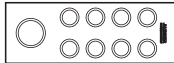
M 12 Verteilerboxen mit Gerätesteckverbinder M 23



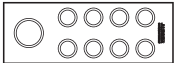
8 Fach mit
M 23
4 + PE



8 Fach mit
M 23 Hochspannung
4 + PE



8 Fach mit
M 23
3 + PE



ohne LED
mit LED

REP8M2319SL
REP8M2319AL

REP8M2319PE

REP8M2312SL
REP8M2312AL

Schaltpläne auf Seite 72/73

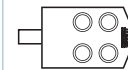
Schema 5

Schema 6

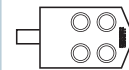
Schema 7



4 Fach mit
mit Kabel
4 + PE



4 Fach mit
mit Kabel
3 + PE


Kabel PVC

5 m	mit LED	REP4C0519ALC	REP4C0512ALC
	ohne LED	REP4C0519SLC	REP4C0512SLC
10 m	mit LED	REP4C1019ALC	REP4C1012ALC
	ohne LED	REP4C1019SLC	REP4C1012SLC
15 m	mit LED	REP4C1519ALC	REP4C1512ALC
	ohne LED	REP4C1519SLC	REP4C1512SLC

Kabel PUR

5 m	mit LED	REP4C0519ALP	REP4C0512ALP
	ohne LED	REP4C0519SLP	REP4C0512SLP
10 m	mit LED	REP4C1019ALP	REP4C1012ALP
	ohne LED	REP4C1019SLP	REP4C1012SLP
15 m	mit LED	REP4C1519ALP	REP4C1512ALP
	ohne LED	REP4C1519SLP	REP4C1512SLP

Schaltpläne auf Seite 74

Schema 8

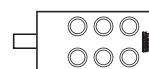
Schema 9

VERTEILERBOXEN

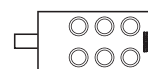
M 12 Verteilerboxen mit Kabel



6 Fach mit
mit Kabel
4 + PE



6 Fach mit
mit Kabel
3 + PE



Kabel PVC

5 m	mit LED	REP6C0519ALC	REP6C0512ALC
	ohne LED	REP6C0519SLC	REP6C0512SLC
10 m	mit LED	REP6C1019ALC	REP6C1012ALC
	ohne LED	REP6C1019SLC	REP6C1012SLC
15 m	mit LED	REP6C1519ALC	REP6C1512ALC
	ohne LED	REP6C1519SLC	REP6C1512SLC

Kabel PUR

5 m	mit LED	REP6C0519ALP	REP6C0512ALP
	ohne LED	REP6C0519SLP	REP6C0512SLP
10 m	mit LED	REP6C1019ALP	REP6C1012ALP
	ohne LED	REP6C1019SLP	REP6C1012SLP
15 m	mit LED	REP6C1519ALP	REP6C1512ALP
	ohne LED	REP6C1519SLP	REP6C1512SLP

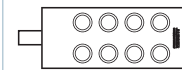
Schaltpläne auf Seite 75

Schema 10

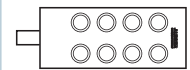
Schema 11



8 Fach mit
mit Kabel
4 + PE



8 Fach mit
mit Kabel
3 + PE


Kabel PVC

5 m	mit LED	REP8C0519ALC	REP8C0512ALC
	ohne LED	REP8C0519SLC	REP8C0512SLC
10 m	mit LED	REP8C1019ALC	REP8C1012ALC
	ohne LED	REP8C1019SLC	REP8C1012SLC
15 m	mit LED	REP8C1519ALC	REP8C1512ALC
	ohne LED	REP8C1519SLC	REP8C1512SLC

Kabel PUR

5 m	mit LED	REP8C0519ALP	REP8C0512ALP
	ohne LED	REP8C0519SLP	REP8C0512SLP
10 m	mit LED	REP8C1019ALP	REP8C1012ALP
	ohne LED	REP8C1019SLP	REP8C1012SLP
15 m	mit LED	REP8C1519ALP	REP8C1512ALP
	ohne LED	REP8C1519SLP	REP8C1512SLP

Schaltpläne auf Seite 76

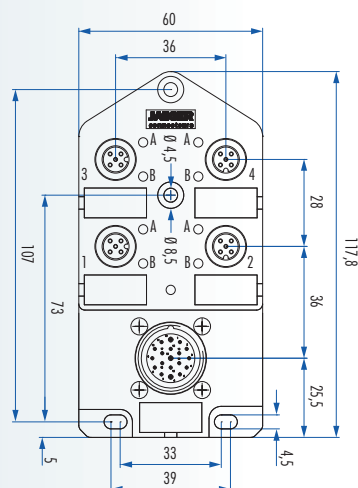
Schema 12

Schema 13

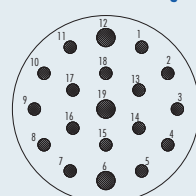
Verteilerboxen M 12 / Schaltpläne

4 Fach (4 + PE) mit Gerätesteckverbinder M 23 (19 Kontakte)

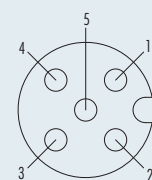
Schema 1



Kontaktnumerierung



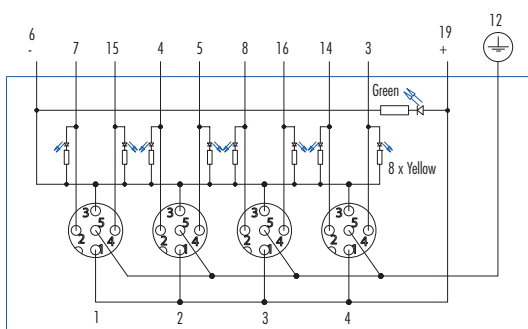
16 x Ø 1 mm
3 x Ø 1,5 mm



Ø 1 mm

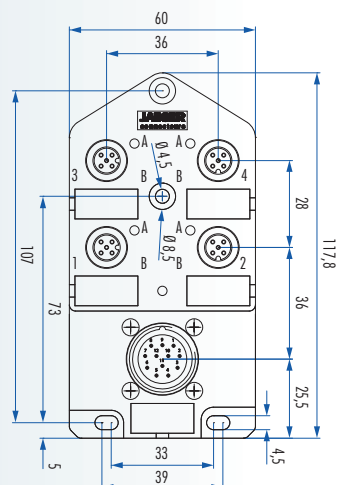
M 12 Belegung	M 23
1: 1, 2, 3, 4 (+)	19
2: 1	7
2	4
3	8
4	14

M 12 Belegung	M 23
3: 1, 2, 3, 4 (-)	6
4: 1	15
2	5
3	16
4	3
5: 1, 2, 3, 4 (≡)	12

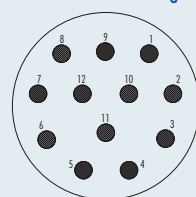


4 Fach (3 + PE) mit Gerätesteckverbinder M 23 (12 Kontakte)

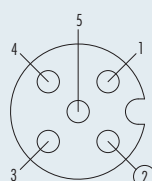
Schema 2



Kontaktnumerierung



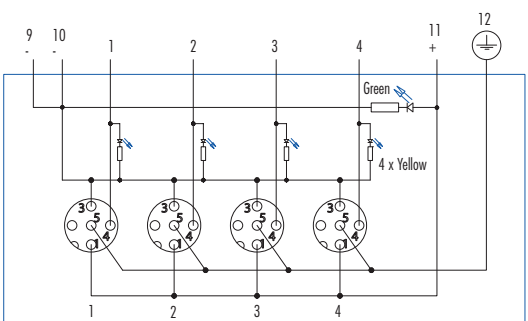
16 x Ø 1 mm
3 x Ø 1,5 mm



Ø 1 mm

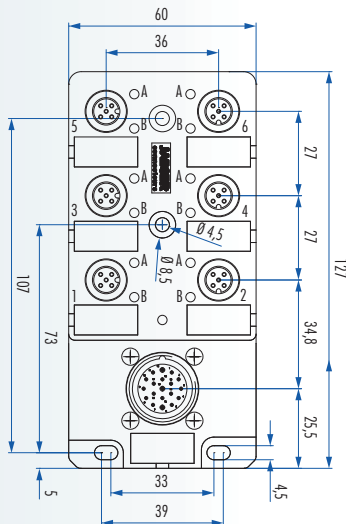
nicht verbunden

M 12 Belegung	M 23
1: 1, 2, 3, 4 (+)	11
3: 1, 2, 3, 4 (-)	9/10
4: 1	(1)
2	(2)
3	(3)
4	(4)
5: 1, 2, 3, 4 (≡)	12

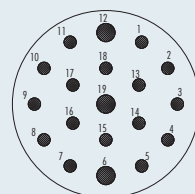


Schema 3

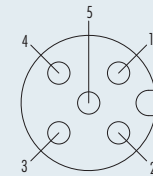
6 Fach (4 + PE) mit Gerätesteckverbinder M 23 (19 Kontakte)



Kontaktnumerierung



16 x Ø 1 mm
3 x Ø 1,5 mm



Ø 1 mm

M 12 Belegung

1: 1, 2, 3, 4, 5, 6 (+)
2: 1
3: 2
4: 3
5: 4
6: 5

M 23

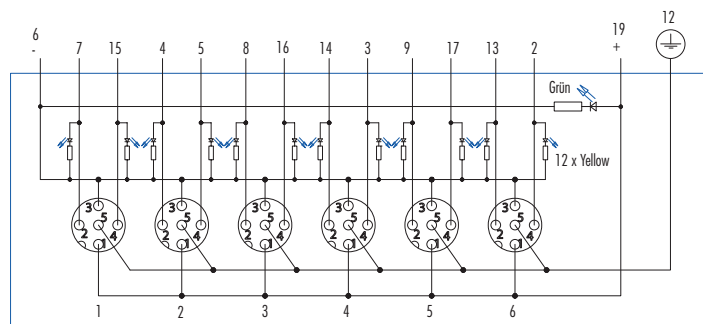
19
7
4
8
14
9
13

M 12 Belegung

3: 1, 2, 3, 4, 5, 6 (-)
4: 1
2: 2
3: 3
4: 4
5: 5
6: 6
5: 1, 2, 3, 4, 5, 6 (≡) 12

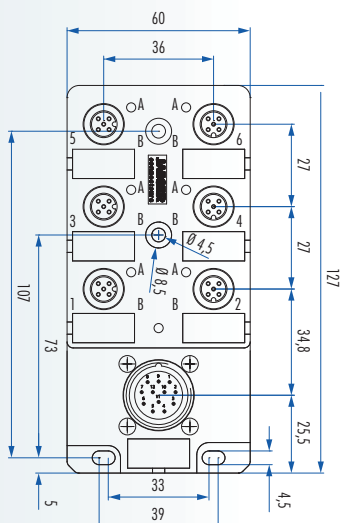
M 23

6
15
5
16
3
17
2
12

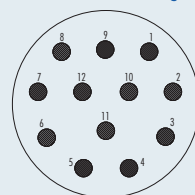


Schema 4

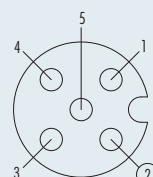
6 Fach (3 + PE) mit Gerätesteckverbinder M 23 (12 Kontakte)



Kontaktnumerierung



16 x Ø 1 mm
3 x Ø 1,5 mm



Ø 1 mm

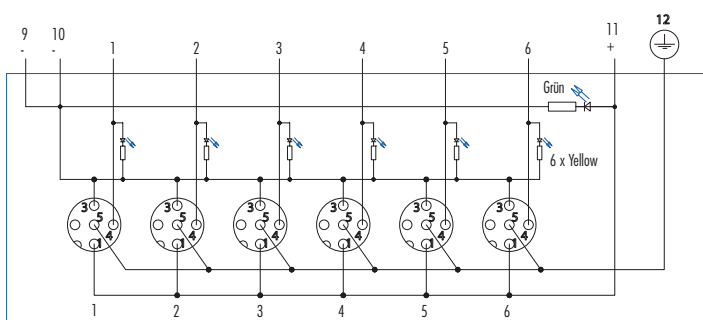
nicht
verbunden

M 12 Belegung

1: 1, 2, 3, 4, 5, 6 (+)
3: 1, 2, 3, 4, 5, 6 (-)
4: 1
2: 2
3: 3
4: 4
5: 5
6: 6
5: 1, 2, 3, 4, 5, 6 (≡) 12

M 23

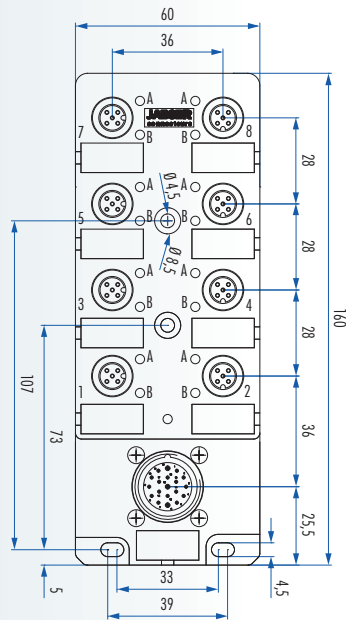
11
9/10
1
2
3
4
5
6
12



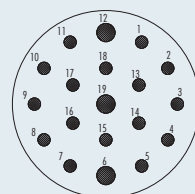
Verteilerboxen M 12 / Schaltpläne

8 Fach (4 + PE) mit Gerätesteckverbinder M 23 (19 Kontakte)

Schema 5



Kontaktnumerierung



16 x Ø 1 mm
3 x Ø 1,5 mm

Ø 1 mm

M 12 Belegung

1: 1, 2, 3, 4, 5,
6, 7, 8 (+)
2: 1
3: 2
4: 3
5: 4
6: 5
7: 6
8: 7

M 23

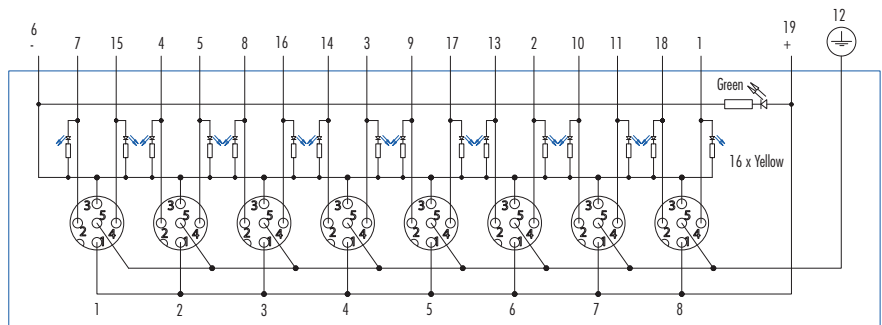
19
7
4
8
14
9
13
10
18

M 12 Belegung

3: 1, 2, 3, 4, 5,
6, 7, 8 (-)
4: 1
2: 2
3: 3
4: 4
5: 5
6: 6
7: 7
8: 8
5: 1, 2, 3, 4, 5,
6, 7, 8 (±)

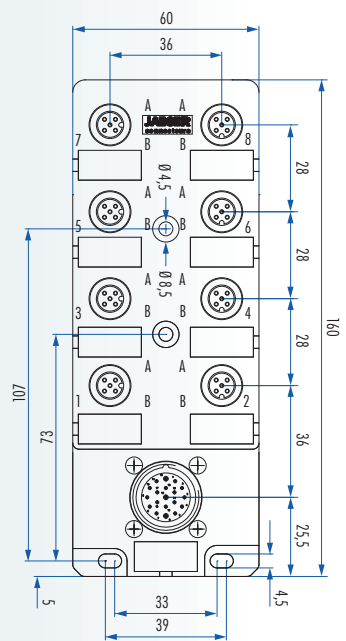
M 23

6
15
5
16
+3
17
2
11
1
12

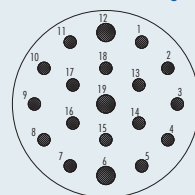


8 Fach (4 + PE) mit Gerätesteckverbinder M 23 Hochspannung (19 Kontakte)

Schema 6



Kontaktnumerierung



16 x Ø 1 mm
3 x Ø 1,5 mm

Ø 1 mm

M 12 Belegung

1: 1, 2, 3, 4, 5,
6, 7, 8 (+)
2: 1
3: 2
4: 3
5: 4
6: 5
7: 6
8: 7

M 23

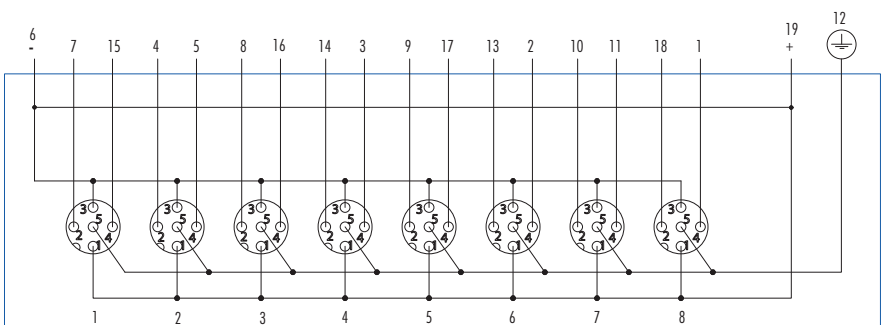
19
7
4
8
14
9
13
10
18

M 12 Belegung

1: 1, 2, 3, 4, 5,
6, 7, 8 (-)
4: 1
2: 2
3: 3
4: 4
5: 5
6: 6
7: 7
8: 8
5: 1, 2, 3, 4, 5,
6, 7, 8 (±)

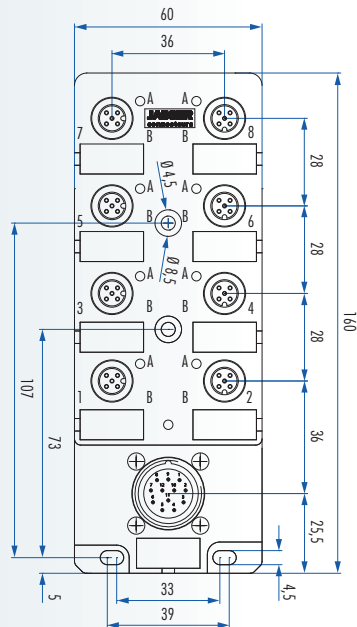
M 23

6
15
5
16
3
17
2
11
1
12

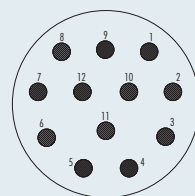


Schema 7

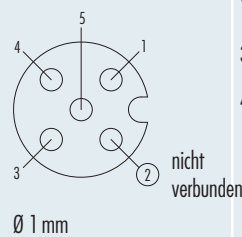
8 Fach (3 + PE) mit Gerätesteckverbinder M 23 (12 Kontakte)



Kontaktnumerierung



16 x Ø 1 mm
3 x Ø 1,5 mm



nicht
verbunden

M 12 Belegung

- 1: 1, 2, 3, 4, 5,
6, 7, 8 (+)
3: 1, 2, 3, 4, 5,
6, 7, 8 (-)
4: 1
2
3
4
5
6
7
8

M 23

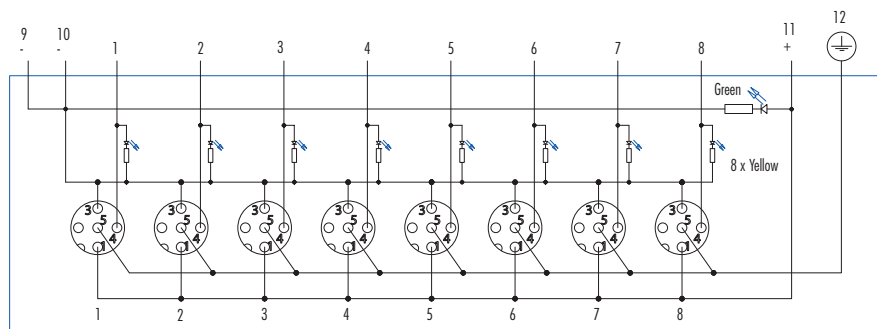
- 11
9/10
1
2
3
4
5
6
7
8

M 12 Belegung

- 5: 1, 2, 3, 4, 5,
6, 7, 8 (—)

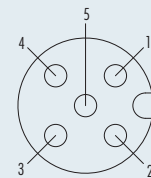
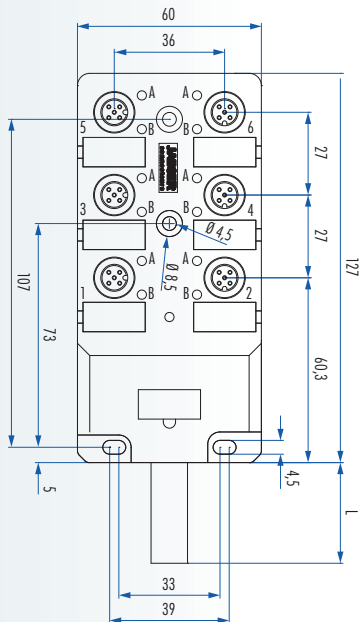
M 23

- 12



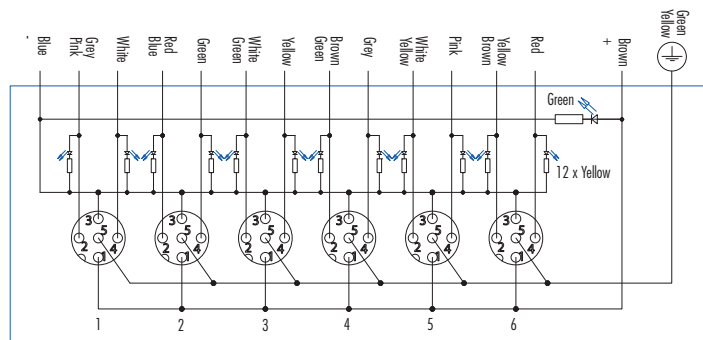
Schema 10

6 Fach mit Kabel 4 + PE



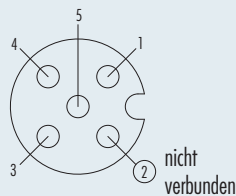
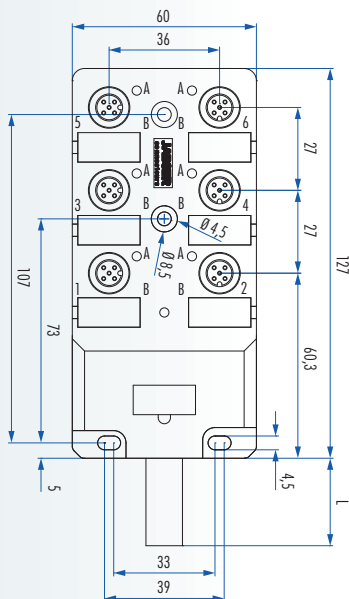
$\varnothing$ 1 mm
 $\varnothing$ Kabel 10,9 mm

M 12 Farbe	Belegung	$\varnothing$ [mm ²]	M 12 Farbe	Belegung	$\varnothing$ [mm ²]
1: Braun	1, 2, 3, 4, 5, 6 (+)	1	4: Weiß	1	0,34
2: Grau/Rosa	1	0,34	Grün	2	0,34
Rot/Blau	2	0,34	Gelb	3	0,34
Weiß/Grün	3	0,34	Grau	4	0,34
Braun/Grün	4	0,34	Rosa	5	0,34
Weiß/Gelb	5	0,34	Rot	6	0,34
Gelb/Braun	6	0,34	Grün/Gelb	1, 2, 3, 4, 5, 6 ($\underline{\underline{=}}$)	1
3: Blau	1, 2, 3, 4, 5, 6 (-)	1			



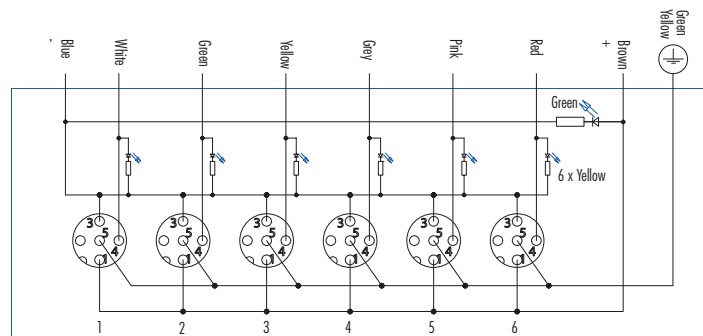
Schema 11

6 Fach mit Kabel 3 + PE



$\varnothing$ 1 mm
 $\varnothing$ Kabel 9,5 mm

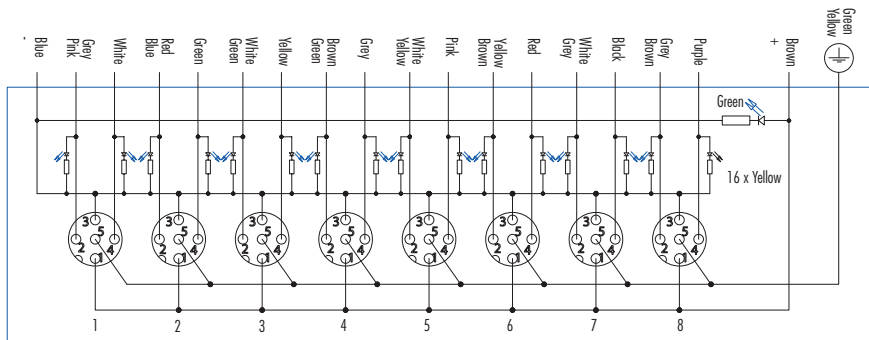
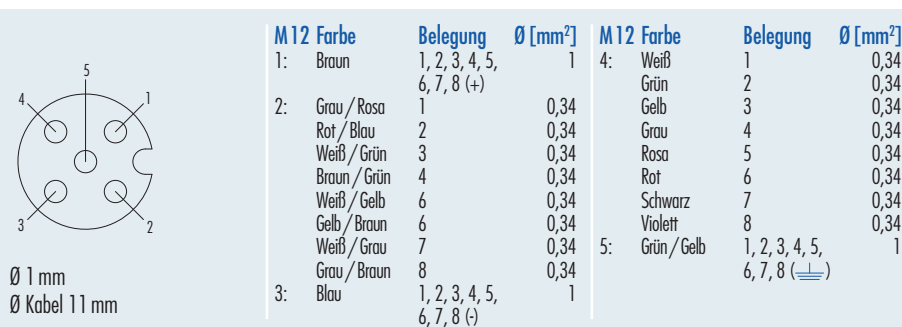
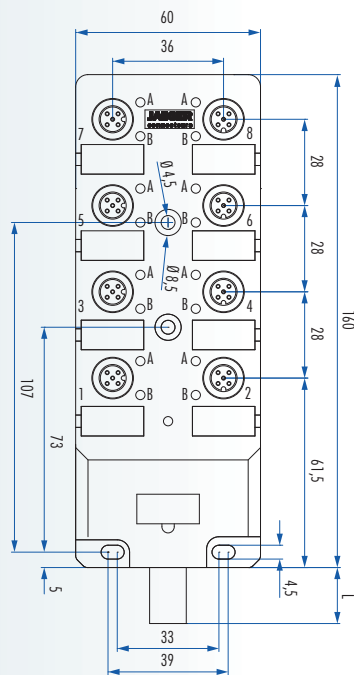
M 12 Farbe	Belegung	$\varnothing$ [mm ²]
1: Braun	1, 2, 3, 4, 5, 6 (+)	1
3: Blau	1, 2, 3, 4, 5, 6 (-)	1
4: Weiß	1	0,34
Grün	2	0,34
Gelb	3	0,34
Grau	4	0,34
Rosa	5	0,34
Rot	6	0,34
5: Grün/Gelb	1, 2, 3, 4, 5, 6 ($\underline{\underline{=}}$)	1



Verteilerboxen M 12 / Schaltpläne

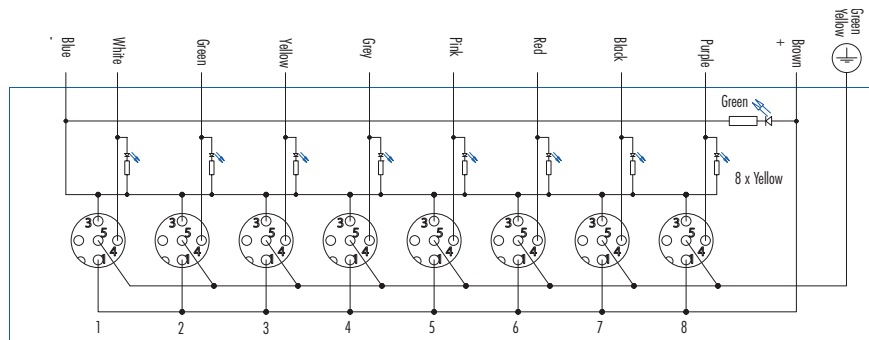
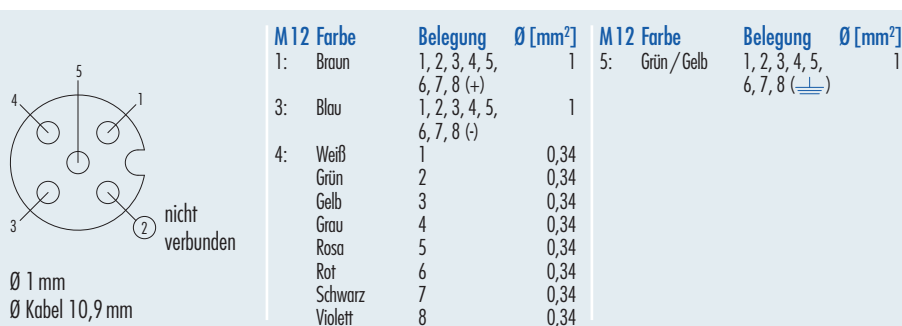
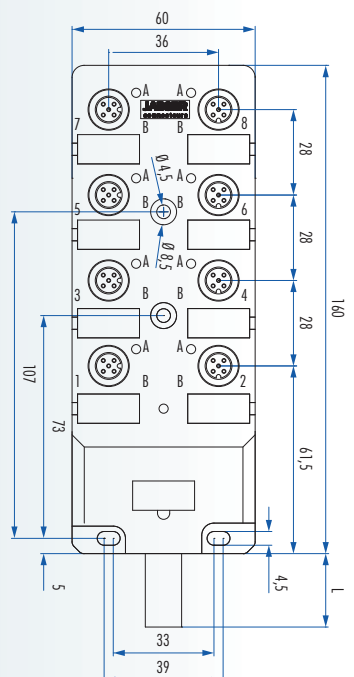
8 Fach mit Kabel 4 + PE

Schema 12

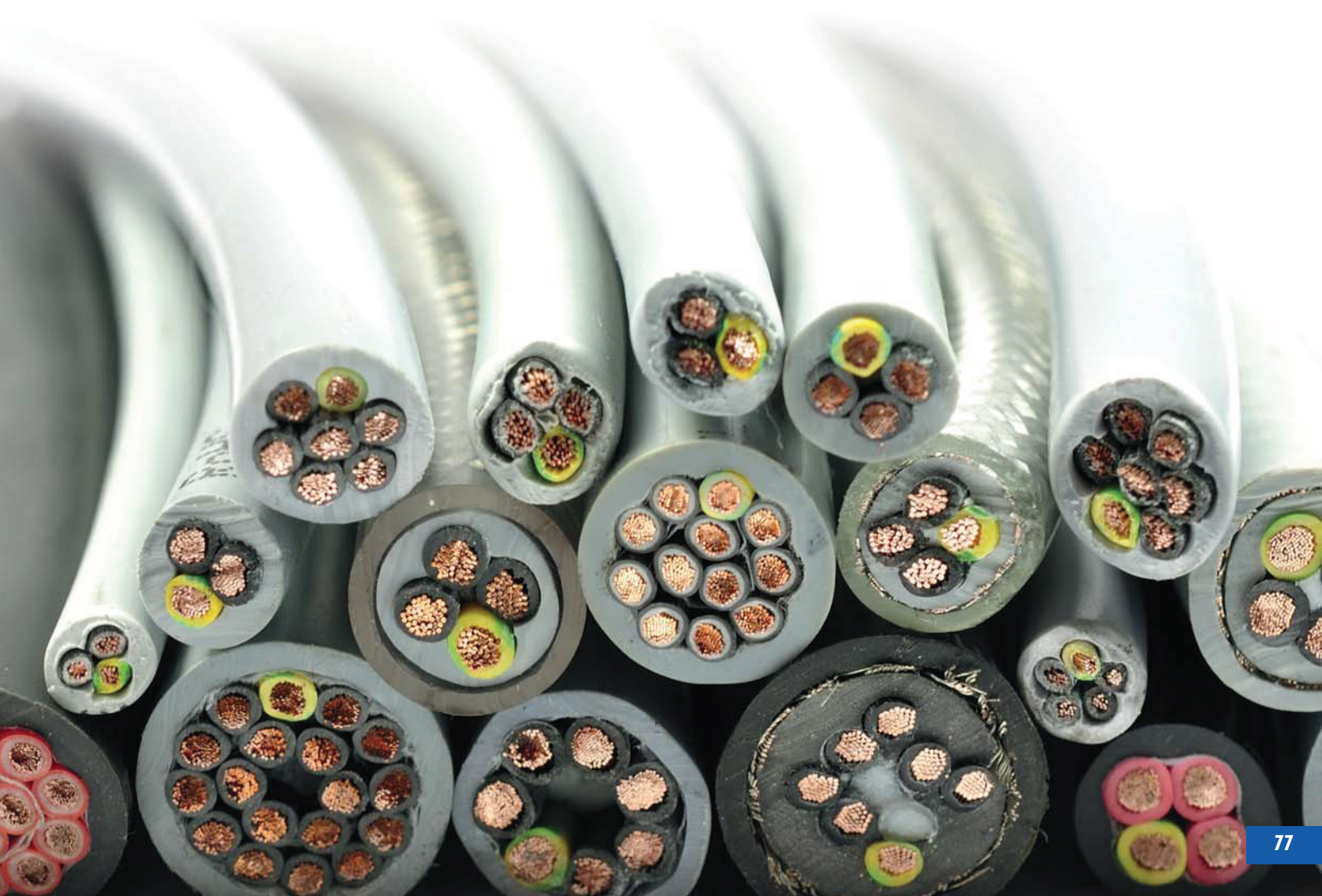


8 Fach mit Kabel 3 + PE

Schema 13

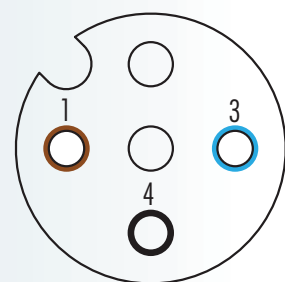
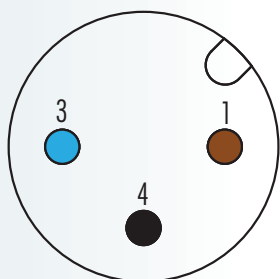


LITZENFARBEN

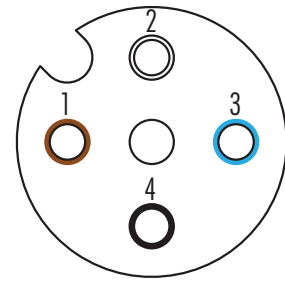
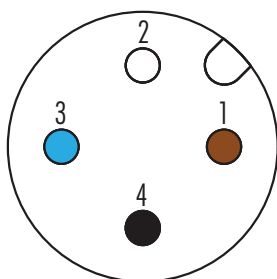


3,4,5 Kontakte, Kodierung A – PVC, PUR

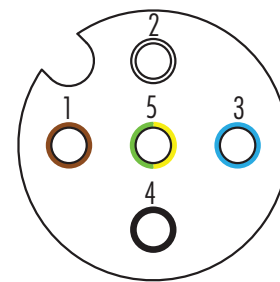
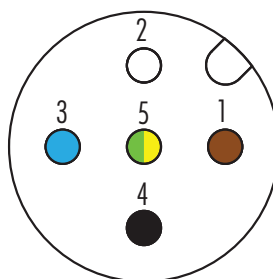
3 Kontakte



4 Kontakte



5 Kontakte



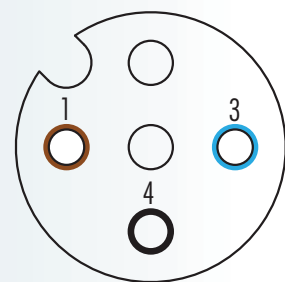
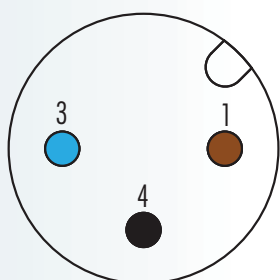
Kontakte

1:
2:
3:
4:
5:

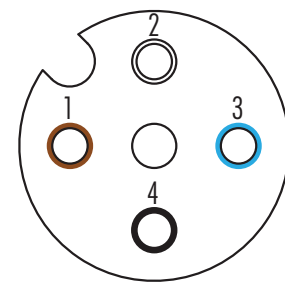
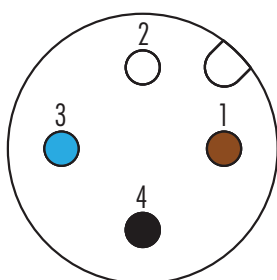
Farbe
Braun
Weiß
Blau
Schwarz
Grün / Gelb

3,4,5 Kontakte, Kodierung A – geschirmt

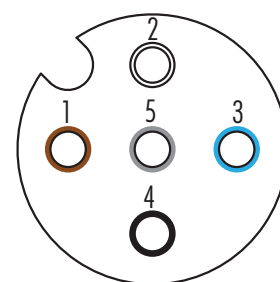
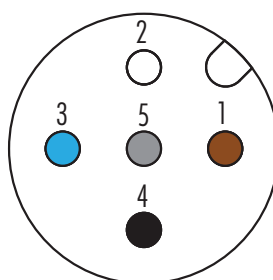
3 Kontakte



4 Kontakte



5 Kontakte



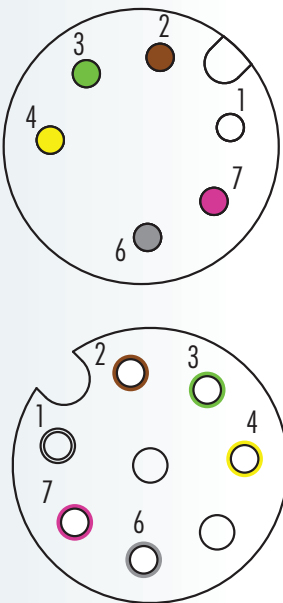
Kontakte

1:
2:
3:
4:
5:

Farbe
Braun
Weiß
Blau
Schwarz
Grau

6 Kontakte, Kodierung A – PVC, PUR, PVC geschirmt

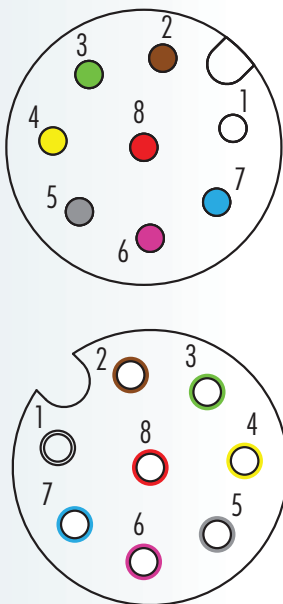
6 Kontakte



Kontakte	Farbe
1:	Weiß
2:	Braun
3:	Grün
4:	Gelb
6:	Grau
7:	Rosa

8 Kontakte, Kodierung A – PVC, PUR, PVC geschirmt

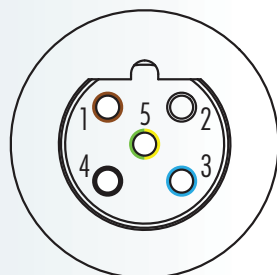
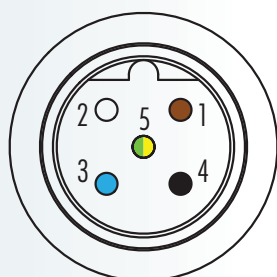
8 Kontakte



Kontakte	Farbe
1:	Weiß
2:	Braun
3:	Grün
4:	Gelb
5:	Grau
6:	Rosa
7:	Blau
8:	Rot

5 Kontakte, Kodierung B – PVC, PUR, PVC geschirmt

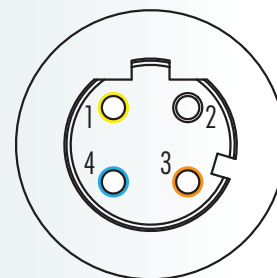
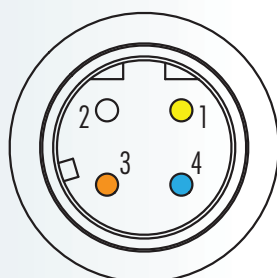
5 Kontakte



Kontakte	Farbe
1:	Braun
2:	Weiß
3:	Blau
4:	Schwarz
5:	Grün / Gelb

4 Kontakte, Kodierung D – PVC, PUR, PVC geschirmt

4 Kontakte



Kontakte	Farbe
1:	Gelb
2:	Weiß
3:	Orange
4:	Blau