

■ Standard IEC 63171-6

Up to 10 GBit/s

### M8, M12 | 2-poles

- Single- and double-ended cordsets
- 360°-shielded
- Straight, angled

### M12 Field-wireable

- 360°-shielded
- Crimp-technology
- Straight
- Good media- and temperature resistance
- IP65 | IP67 | IP68
- Protective caps, protective plugs, marking accessories, color rings

## M12 | 5-poles, B-coded

- Single- and double-ended cordsets
- 360°-shielded
- Female, male | straight, angled

### M12 Receptacles

- 360°-shielded
- Back- | Front wall mounting
- Wire connection, Print connection, Cable outlet
- Coding positionable (Front wall mounting)
- Female, male | straight, angled\*

  (\*Back wall mounting, Print connection)

## M12 Field-wireable

- 360°-shielded
- Female, male | straight, angled
- Screw-/Clamp-connection

## Y-Splitter | T-Splitter M12

- 360°-shielded
- Female female male

# Termination connector

- M12 male, straight, 4-poles, B-coded
- Good media- and temperature resistance
- IP65 | IP67 | IP68
- UL-approved
- Protective caps, protective plugs, marking accessories, color rings

## M12 | 5-poles, A-coded

- Single- and double-ended cordsets
- 360°-shielded and unshielded
- Female, male | straight, angled

#### M12 Receptacles

- Back- | Front wall mounting
- Wire connection
- Coding positionable (Front wall mounting)
- Female, male | straight

## M12 Field-wireable

- 360°-shielded
- Female, male | straight, angled
- Screw-/Clamp-connection

### T-Splitter M12

- Unshielded
- Female female male

## Termination connector

- M12 male, female straight
- 120 $\Omega$  resistor
- Good media- and temperature resistance
- IP65 | IP67 | IP68
- UL-approved
- Protective caps, protective plugs, marking accessories, color rings

## M8- | M12 connectors

## 100 MBit/s

- Cat5e Cable
- Single- and double-ended cordsets
- 360°-shielded
- M12: 4-poles, D-coded
- M8: 4-poles | 4-poles, D-coded | 4-poles, P-coded

### 10 GBit/s

- Cat6A- / Cat7 Cable
- Single- and double-ended cordsets
- 360°-shielded
- M12: 8-poles, X-coded

#### Field-wireable

- Crimp connection, IDC-connection
- 360°-shielded
- 100 MBit/s: M12\_4D
- 10 GBit/s: M12\_8X
- 7 cable qualities PUR,1 cable qualitiy PVC
- Good media- and temperature resistance
- IP65 | IP67 | IP68
- UL-approved
- Protective caps, protective plugs, marking accessories, color rings

### **RJ45** connectors

#### Cat5e-Cable

- Single- and double-ended cordsets
- Shielded

100 MBit/s

■ Nale, straight, angled, light design

#### 10 GBit/s

- Cat6A-Cable
- Single- and double-ended cordsets
- 360°-shielded
- Male, straight

## Field-wireable

- IDC-connection
- 360°-shielded
- 100 MBit/s: 4-poles
- 10 GBit/s: 8-poles

## Patchcords

- T568B, Crossover
- 2 Cat5e-Cable: PUR in 6 colors or drag chain suitable (GN)
- Cat7-Cable: FRNC in 6 colors
- IP20
- Good media- and temperature resistance
- UL-approved
- Locking/unlocking clips in 10 colors for marking

# M8- | M12 Receptacles

#### 100 MBit/s

- M12: 4-poles, D-coded
- M8: 4-poles, D-coded | P-coded
- Back- | Front wall mounting
- Wire connection, Print connection,
   Cable outlet (M12)
- Coding positionable (Front-wall mounting
- 360°-shielded (Print-, cable outlet)
- Female, male | straight, angled\*

  (\*Back wall mounting, Print connection,
  Cable outlet)

### 10 GBit/s

- M12: 8-poles, X-coded
- 360°-shielded
- Print connection, cable outlet
- Good media- and temperature resistance
- IP65 | IP67 | IP68
- UL-approved
- Protective caps, protective plugs, separate counter nuts

Industrial connectors for DATA TRANSMISSION







					INDUSTRIAL ETHERNET												EtherCAT		PRO	PROFIBUS   CANopen/DeviceNET					Receptacles   UL								
Coding: male   f RJ45 M8, 4-poles				ble qualities >	JL   GN	N O				NE   GN	Z	, BK	, BK																	✓ Cable qu			M8, 4-poles P-coded
		12345678			hain.   U	<u> </u>	N 0			orsion	UL   G	. BU, G	BU, GN									UL   GY											P-coded
M8, 4-poles D-coded		2 B 0 4		3	2/7   Drag c	chain appl	type R   UL	Z		iitable for t	Orag chain.	GY, RD, YE, BU, GN, BK	GY, RD, YE,	S	ions			Ϋ́Ε	/RD	BK/RD	IUL VT	o suitable   I	connection					onable	Z >	3 5	1 1 5		Л12, 5-poles B-coded
M12, 4- D-codeo	poles d	les <b>0 9</b>			1×4×AWG22/7   Drag chain.   UL   GN	e PUR 53400 AWG26   suitable for drag chain appl.   UL   GN	s 55100 obotic   AWG 22/19 type R   UL   GN	C 55200 1×4×AWG22   UL   GN	N9   7	x2xAWG24   suitable for torsion   UL   GN	x2xAWG26   Drag chain.   UL   GN	AWG26/7   0	se20 4x2xAWG27   UL   GY, RD, YE, BU, GN, BK	vireable   IDC-connections	imp-connect	۔		<b>3</b> 51329 1x4xAWG26   UL   YE	5058 1x4xAWG22   BK/RD	, :xAWG24   BK	<b>3</b> s1800 ag chain suitable	ceNet PUR <sub>52800</sub> 34)   Drag chain suitable   UL   GY	Screw-/Clamp-conn	nnectore				coding positionable	VG22   UL   C	3 5 4	1 5	3 N	Л12, 5-poles A-coded
M12, 8-poles X-coded		3 4 2 5 1 6		9 9	PUR S2171 ET type C	<b>at5e PUR</b> 53400 x4xAWG26   sui	<b>Se PUR</b> S5100 DFINET robotic	<b>.5e PVC</b> 55200 JFINET 1x4xAV	.7 PUR 53500 :xAWG26   UL   GN	7 PUR 54030 DFINET type 4x2	4 - 4	4 ° Ú	<b>7 FRNC</b> se20 :hcord   4x2xA	d-wireable   ID	d-wireable   Crimp-connections	el feed through	ıdapter	₽	PUF AT F	rCAT P   1x4 <b>5e PUR</b> 55059 rCAT P   1x4	PROFIBUS PUR s	0,34   Dra pen/Devi 5) + (2x0,	vireable	mination conn	Splitter	Print connection	Wire connection	e connection,	SPE PUR   1x2xAWG22   UL   GN Field-wireable  Crimptechnology	0		2-	SPE -poles, male M8   M12
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ectors		m	nale	1	4, 4D 4, 4D	4, 4D 4, 4D	4D 4D	4D 4D										4	4P 4P	4P 4P									2	Ť →	male		
	M8			<b>↑</b>	4, 4D	4, 4D	4D	4D											4P	4P									2	<u>†</u>		N	Л8
		fem	nale	<b>⊢</b>	4, 4D	4, 4D	4D	4D											4P	4P										→	female		
		m	nale	1	4D	4D	4D	4D	8X	8X	8X			4D, 8X	4D			4D			5B	5A	5A, 5B	5A, 5B	5B: S-S-B				2 2	1	male		
			iale	→	4D	4D	4D	4D	8X												5B	5A	5A, 5B						2	→	male		ors
	M12	female	nale	t	4D	4D	4D	4D						8X		4D>RJ45 8X>RJ45 4D> 8X>	·8X				5B	5A	5A, 5B	5A	5A: B-B-S 5B: B-S-S					1	female	N	Connectors
				⊦→	4D	4D	4D	4D								4D>RJ45 8X>RJ45					5B	5A	5A, 5B							₽			
			.   1	1	4	4	4	4	8					8				4												1			
RJ	RJ45	m	nale			4																								↑	male	R.J	J45
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		ing w	nale																							4D, 4P				. I	male =	Back wall mounting	
		Back wall mounting		↑																						4D, 4P				1	7		
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Patchcords Prach		m		11								T568B	T568B																	11	male		95F Patchcords
	RJ45			11									crossover																	11	male	R.	J45 <u>S</u>
Pat		m	nale	1→		industrial																								1→	male		Pat