


2171944	<b>DATA SHEET</b>	
Valid from: 30.03.2021	<b>IE-EC-5-M12D-S-(L*)-P-2-26-FD-M8-S</b>	

## Description

Industrial Ethernet Patchcord, EtherCat, Cat.5e, straight plug M12 on straight plug M8, PUR, for drag chain



This datasheet is also valid for other lengths configurations. Other lengths configurations on request.

## General characteristics

Connection methods	M12-plug, D-standard M8-plug, A-standard
Number of pins	4
Ambient temperature	-30 °C to +90 °C (-22 °F to 194 °F) (connector) -40 °C to +80 °C (-40 °F to +176 °F) (cable fixed installation) -30 °C to +50 °C (-22 °F to +122 °F) (cable flexible)
Degree of protection	IP 67
Shielding	shielded

## Variant/Version

Article	Description	Length (L*) [m]
2171944	IE-EC-5-M12D-S-0,5-P-2-26-FD-M8-S	0,5
2171945	IE-EC-5-M12D-S-1-P-2-26-FD-M8-S	1
2171946	IE-EC-5-M12D-S-2-P-2-26-FD-M8-S	2
2171947	IE-EC-5-M12D-S-3-P-2-26-FD-M8-S	3
2171948	IE-EC-5-M12D-S-5-P-2-26-FD-M8-S	5
2171949	IE-EC-5-M12D-S-10-P-2-26-FD-M8-S	10
2171950	IE-EC-5-M12D-S-15-P-2-26-FD-M8-S	15
2171951	IE-EC-5-M12D-S-20-P-2-26-FD-M8-S	20


## Electrical characteristics

Rated voltage (max.)	30 V
Rated current (at 40 °C)	4 A
Pollution degree	3

Creator: MOKO2/PDP Released: IVSE1/PDP	Document: DB2171944EN Version: 00	Page 1 of 3
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### Mechanical characteristics

#### M8-&M12-plug

Handle	TPU
Knurl	Zinc diecasting, nickel-plated
Contact	CuZn, gold-plated


#### Line

Lapp article number	2170433
Lapp description	ETHERLINE P EC FD Cat.5e
Cable construction	4x AWG26/19
Conductor diameter including isolation	ca. Ø1.03 mm
Cable outer diameter	Ø4.8 mm ± 0.3mm
Core identification	White-orange, orange, white-green, green
Sheath color	green, similar to RAL 6018
Type of pair shielding	Plastic laminated alufoil
Shielding	Braid made of tinned copper wires
Bending radius	4x cable-Ø (cable fixed installation) 16x cable-Ø (cable flexible)
Outer coating, material	PUR
Material wire insulation	Polyoefine
Flame resistance	UL 1581, Sec. 1080 (VW-1) UL 2556
Halogen-free	Acc. DIN VDE 0472 part 815

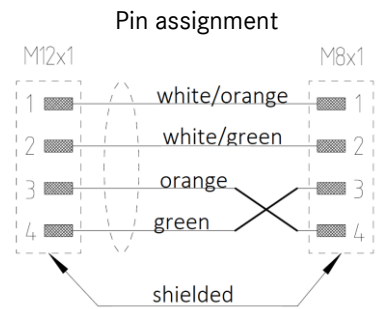
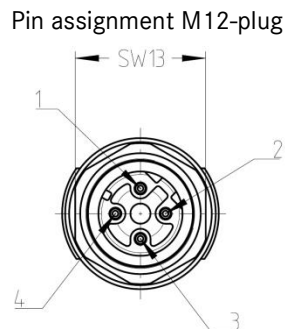
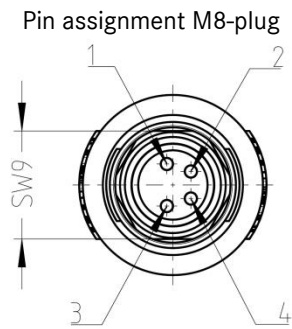
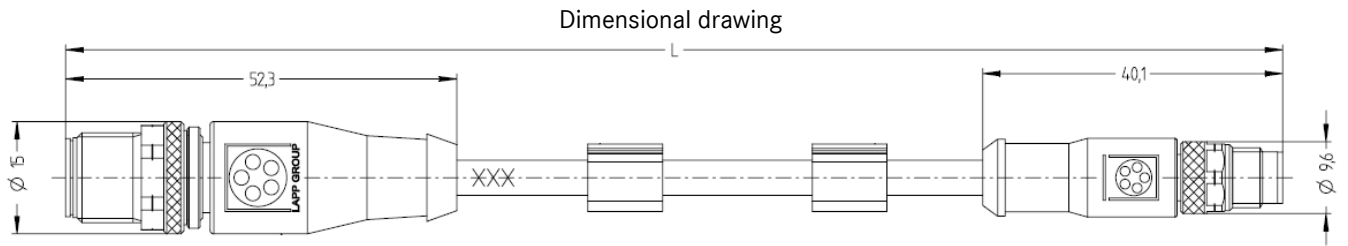
### Standards / Approvals

Product standard, M8 connector	IEC 61076-2-104
Product standard, M12 connector	IEC 61076-2-101
Generic cabling for customer premises - General requirements	DIN EN 50173-1 ISO/IEC 11801

Creator: MOKO2/PDP Released: IVSE1/PDP	Document: DB2171944EN Version: 00	Page 2 of 3
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2171944	<b>DATA SHEET</b>	
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### Technical Drawing



### Certification

Certified acc. to ECE R118

### Application range

Automation, industrial machinery and plant engineering

### Note

Photographs are not true to scale and do not represent detailed images of the respective products

Creator: MOKO2/PDP Released: IVSE1/PDP	Document: DB2171944EN Version: 00	Page 3 of 3
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