



### EPIC® DATA M12D

M12 D-coded connectors



#### Product features

- Field assembly Industrial Ethernet connector, M12 D-coded according to IEC 61076-2-101
- Suitable for use in industrial applications
- Robust and vibrations- resistant
- Toolfree installation, small and compact design

#### Norm references / Approvals

- Data transmission is conform to category Cat.5 acc. to ISO 11801

#### Info

- CAT.5-Performance
- Installation without tools

#### Technical data

- Classification ETIM 5/6**  
ETIM 5.0/6.0 Class-ID: EC001121  
ETIM 5.0/6.0 Class-Description:  
Modular connector
- Protection rating**  
IP 67
- Ambient temperature (operation)**  
-25°C to +85°C

Article number	Article designation	Min. outer diameter (mm)	Max. outer diameter (mm)	AWG solid	AWG 7-wire
<b>M12 D-coded plug, straight, colour coding acc. to PROFINET</b>					
21700647	ED-IE-AX-M12D-5-PN-67-FC	6.2	9.7	24 - 22	26 - 22
<b>M12 D-coded plug, straight, colour coding acc. to TIA 568</b>					
21700648	ED-IE-AX-M12D-5-67	5	6.1	24 - 22	26 - 22
<b>M12 D-coded socket, straight, TIA 568 colour coding</b>					
22261016	AB-C4-M12FSD-SH	4	8	26 - 22	26 - 22

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



### EPIC® DATA M12X

M12 X-coded connectors



#### Info

- CAT.6<sub>A</sub> qualified for 10Gbit/s
- Installation without tools

#### Technical data

- Classification ETIM 5/6**  
ETIM 5.0/6.0 Class-ID: EC001121  
ETIM 5.0/6.0 Class-Description:  
Modular connector
- Protection rating**  
IP 67
- Ambient temperature (operation)**  
Plug/socket -40°C to +85°C

#### Product features

- Field assembly Industrial Ethernet connector, M12 X-coded according to IEC 61076-2-109
- Qualified for 10 Gigabit Ethernet
- Suitable for use in industrial applications
- Robust and vibrations- resistant
- Housing: zinc die-casting, grey
- Insulation displacement contacts for conductor diameter of AWG27/7 - AWG22/7 and AWG24/1 - AWG22/1; max. outer diameter 9,7 mm
- Toolfree installation, small and compact design

#### Norm references / Approvals

- Acc. to standard IEC 61076-2-109
- Data transmission is conform to category Cat.6<sub>A</sub> acc. to ISO/IEC 11801:2010
- UL-listed (E-File E353543)

Article number	Article designation
<b>M12 x-coded male connector straight</b>	
21700602	ED-IE-AX-M12X-6 <sub>A</sub> -67-FC
<b>M12 x-coded female connector straight</b>	
21700621	ED-IE-AX-M12XF-6 <sub>A</sub> -67-FC
<b>M12 x-coded female connector straight for wall mounting</b>	
21700622	ED-IE-AX-M12XF-RM-6 <sub>A</sub> -67-FC

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