


21700647	<b>DATA SHEET</b>	
Valid from: 01.04.2020	<b>ED-IE-AX-M12D-5-PN-67-FC</b>	

### Product description

straight plug, field mountable, M12 D-coded, 4 pins, colour coding acc. to PROFINET, Cat.5, shielded



### General characteristics

Ambient temperature	-25 to +85 °C
Protection degree	IP 67
Termination type	IDC
Outer diameter, cable	6.2 – 9.7 mm
Outer diameter, wire	0.85 – 1.6 mm
Termination cross section, stranded, 7 wires	AWG26/7 – AWG22/7
Termination cross section, solid	AWG26/1 – AWG22/1
Pollution degree	2
Overvoltage category	III
Shielding	shielded

### Mechanical properties

Insertion force	≤ 30 N
Mating cycles	≥ 100

### Electrical properties

Rated voltage	60 V
Current carrying capacity at 40°C	1 A
Contact resistance	≤ 20 mΩ
Insulation resistance	≥ 100 MΩ

### Transmission characteristics

Suitable for 100 Mbit/s Ethernet acc. to IEEE 802.3an	yes
Category 5	ISO/IEC 11801

### Materials

Connector housing, base material	die-cast zinc
Connector housing, surface	Ni
Contacts, surface	Au


### Standards

Product standard	DIN EN 61076-2-101
------------------	--------------------

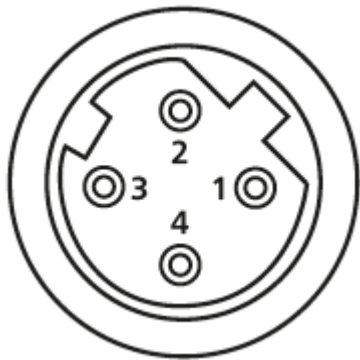
### Approvals

UL listed, E-File	DUXR.E353543
-------------------	--------------

Creator: MANA2/PDP Released: IVSE1/PDP	Document: DB21700647EN Version: 05	Page 1 of 2
---	---------------------------------------	-------------

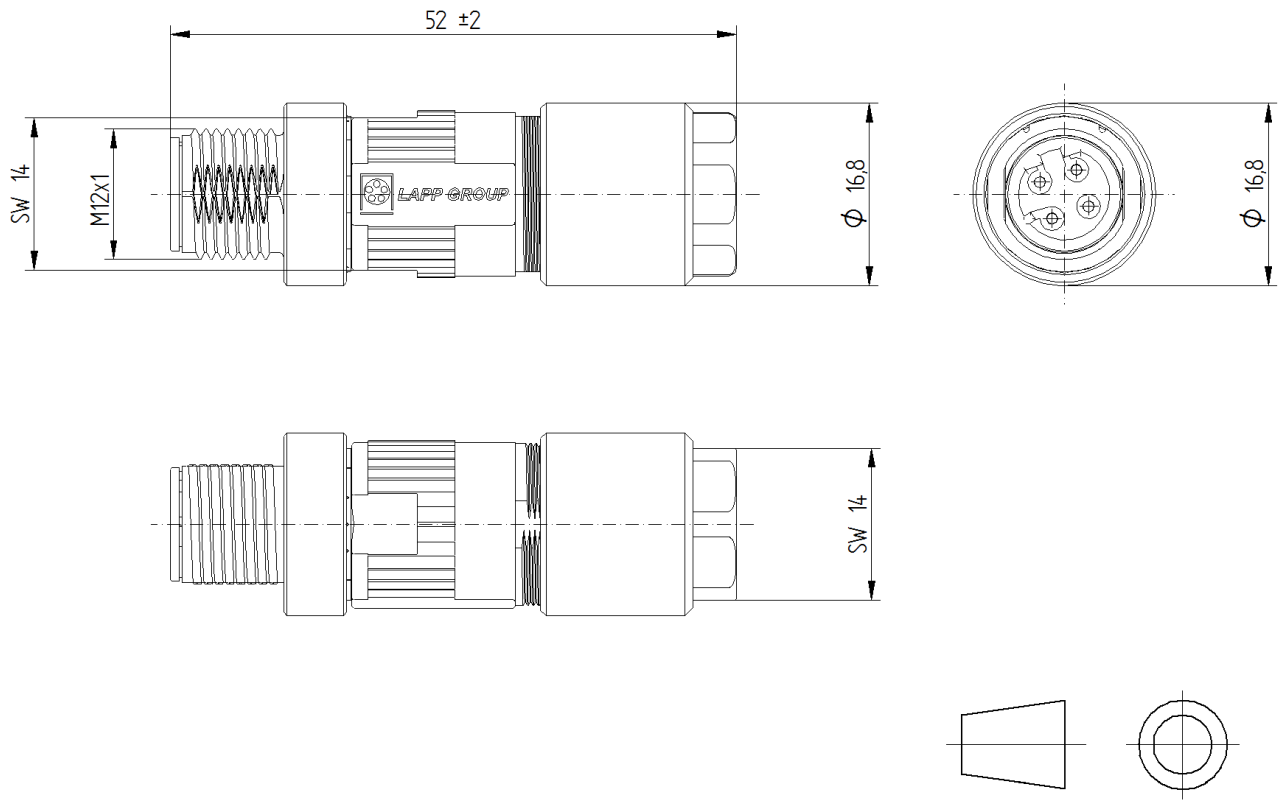
21700647	<b>DATA SHEET</b>	
Valid from: 01.04.2020	ED-IE-AX-M12D-5-PN-67-FC	

### Pin assignment



Pin-No.	Color coding
1	YE
2	WH
3	OG
4	BU

### Drawings



### Note

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