


7433502499	DATA SHEET	
Valid from: 19.02.2026	EPIC® MC03C3LSABH22RK10	

Description

- Sensor/actuator PUR-cable, unshielded
- M12 Connector, A-coding, 3 Pin



Product variations

Article no.	Article description	P1 - cable end	P2 - cable end	Length (mm)
7433502499	EPIC® MC03C3LSABH22RK10	connector, straight	coupling, straight	1000 +50 / -10

Other lengths are available on request.

Connector, general characteristics

Coding	A-Coding
Number of poles / pins	3
Product standard	IEC 61076-2-101 (2024)
Shielded	No
Protection class	IP 67
Pollution degree	3
Ambient temperature (connected)	-25 up to +80°C (Flexible) -40 up to +80°C (Fixed)
Plugging cycles	≥ 100
Tightening torque	Recommended: 0.4 Nm Max: 0.8 Nm


Connector, electrical properties

Rated voltage	250V AC / DC
Rated surge voltage	2500 V
Rated current	4 A
Insulation resistance	≥ 100 MΩ
Contact resistance of connector	≤ 5 mΩ

Connector, materials

Contacts- Male connector	Brass, gold plated
Contacts- Female connector	Phosphor, gold plated
Insert	PA66+GF
Overmold	TPU/ Black
Threaded part	Brass, nickel plated
Sealing	FKM

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Cable, general characteristics

AWM style	UL20549
Conductor cross-section	22 AWG (0.34mm ²)
Number of conductors	3 (1. Brown, 2. Blue, 3. Black)
Core outer diameter	1.2 ±0.1mm
Jacket outer diameter	4.5±0.2mm
Cable weight	25 ± 3 kg/km
Temperature rating	-40 up to +80°C
Flammability test	H
Halogen-free	No
Oil resistance	Yes (condition 60°C)
Oil resistance after (100±2°Cx96H) IRM-902	Tensile Strength / Elongation >=50% of original


Cable, electrical properties

Rated voltage	300 V
Conductor resistance	MAX 55.4 Ω/km at 20°C
Dielectric strength	2000V / min.

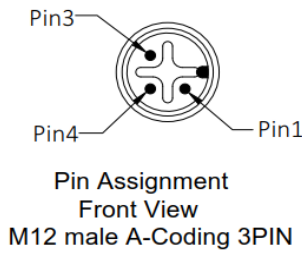
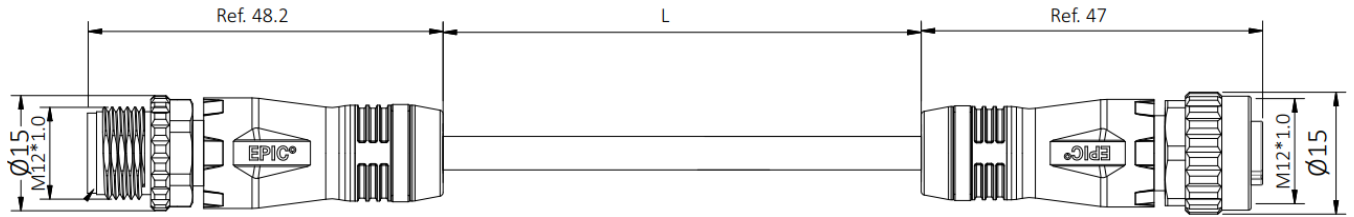
Cable, materials

Conductor	Bare copper
Conductor insulation	PP
Jacket	PUR, Black

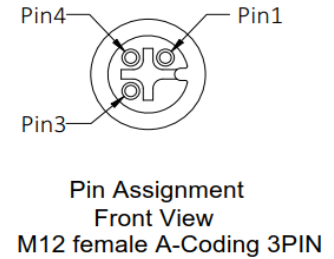
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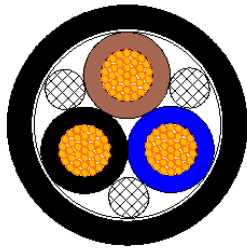
Drawings



P1(male)	Wire list	P2(female)
PIN 1	Brown (AWG 22)	PIN 1
PIN 3	Blue (AWG 22)	PIN 3
PIN 4	Black (AWG 22)	PIN 4



Cross section



Remark

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

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