


7433502505	<b>DATA SHEET</b>	
Valid from: 19.02.2026	<b>EPIC® MC04C3LSABH22RK10</b>	

## Description

- Sensor/actuator TPU-cable, unshielded
- M12 Connector, A-coding, 4 Pin



## Product variations

Article no.	Article description	P1 - cable end	P2 - cable end	Length (mm)
7433502505	EPIC® MC04C3LSABH22RK10	connector, straight	coupling, straight	1000 +50 / -10
7433502506	EPIC® MC04C3LSABH22RK20	connector, straight	coupling, straight	2000 +100/-20
7433502507	EPIC® MC04C3LSABH22RK50	connector, straight	coupling, straight	5000 +150/-30

Other lengths are available on request.

## Connector, general characteristics

Coding	A-Coding
Number of poles / pins	4
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 <sup>2</sup> )
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	26.7 ± 3 kg/km
Temperature rating	-40 up to +80°C
Flammability test	H; CSAFT2
Halogen-free	No
Oil resistance	No


### Cable, electrical properties

Rated voltage	300 V
Conductor resistance	MAX 59.4 Ω/km at 20°C
Dielectric strength	2000V / min.

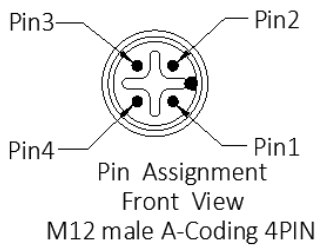
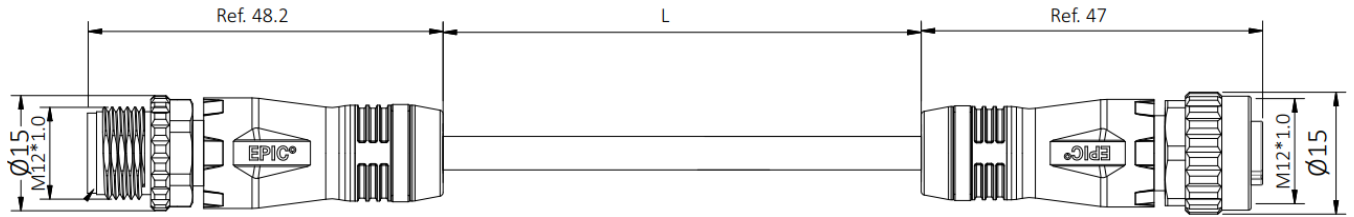
### Cable, materials

Conductor	Tinned copper
Conductor insulation	HD-PE
Jacket	TPU, Black

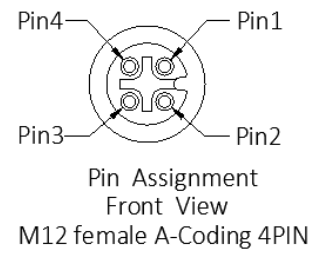
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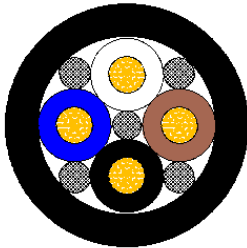
**Drawings**



Wire List	
P1(male)	P2(female)
PIN 1 — Brown (AWG 22)	PIN 1
PIN 2 — White (AWG 22)	PIN 2
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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