


7433501128	<b>DATA SHEET</b>	
Valid from: 19.02.2026	<b>EPIC® MC03C1LSASB22RK20</b>	

## Description

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



## Product variations

Article no.	Article description	P1 - cable end	P2 - cable end	Length (mm)
7433501128	EPIC® MC03C1LSASB22RK20	connector, straight	Open end	2000 + 100/-20
7433501129	EPIC® MC03C1LSASB22RK50	connector, straight	Open end	5000 + 150/-30
7433501184	EPIC® MC03C2LSASB22RK20	coupling, straight	Open end	2000 + 100/-20
7433501185	EPIC® MC03C2LSASB22RK50	coupling, straight	Open end	5000 + 150/-30
7433502980	EPIC® MC03C3LSASB22RK20	connector, straight	coupling, straight	2000 + 100/-20

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

Creator: Drake Long / PDCF Released: SOLI1 / PDCF	Document: DB7433501128EN Version: 00	Page 1 of 3
--	---	-------------

7433501128	<b>DATA SHEET</b>	
Valid from: 19.02.2026	<b>EPIC® MC03C1LSASB22RK20</b>	

### 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

### 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	1.28 ±0.1mm
Jacket outer diameter	4.8±0.15mm
Cable weight	26 ± 3 kg/km
Temperature rating	-40 up to +80°C
Flammability test	H
Halogen-free	No
Oil resistance	No
Coverage area	>=85 %

### Cable, electrical properties

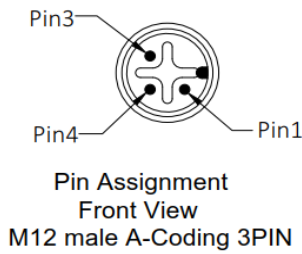
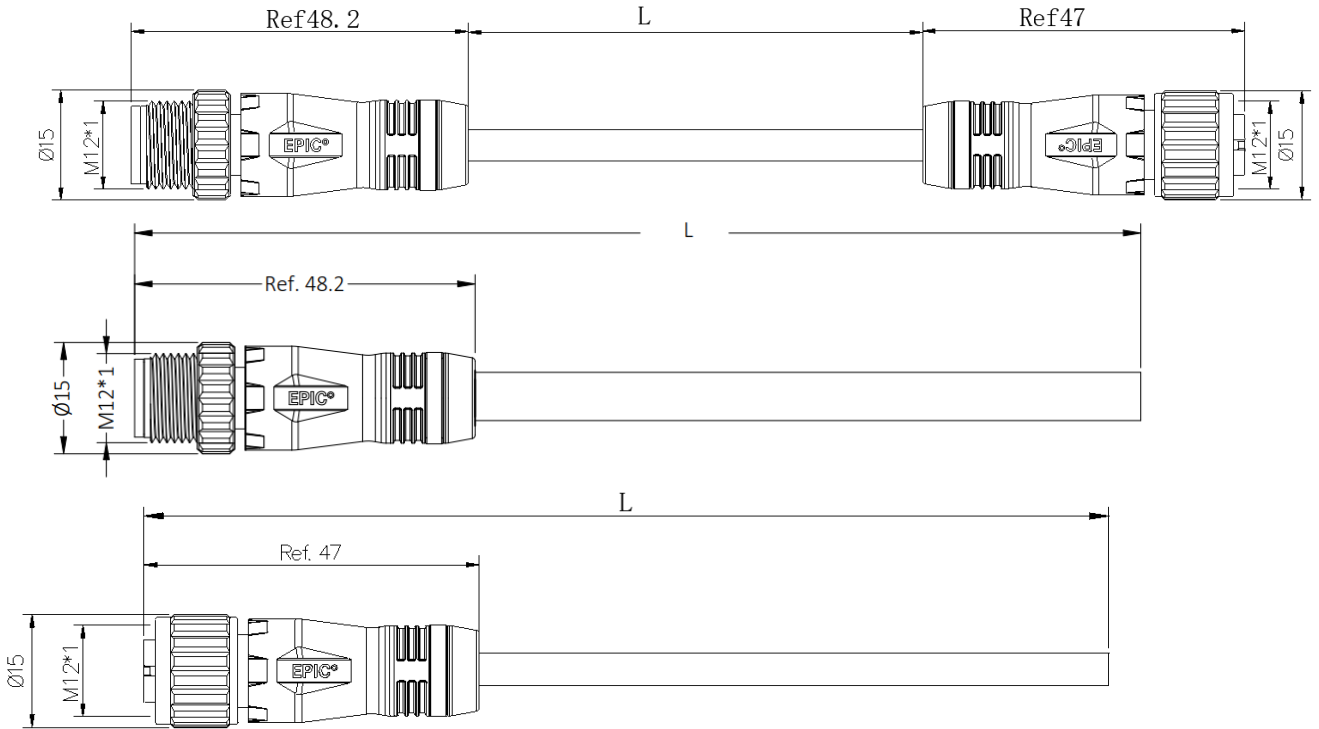
Rated voltage	300 V
Conductor resistance	MAX 59.4 Ω/km at 20°C
Dielectric strength	2000V / min.

### Cable, materials

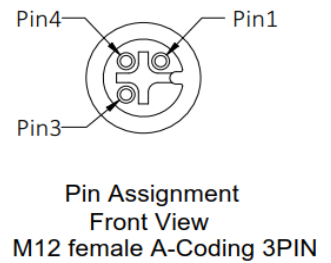
Conductor	Tinned copper
Conductor insulation	PE
Jacket	PUR, Black

Creator: Drake Long / PDCF Released: SOLI1 / PDCF	Document: DB7433501128EN Version: 00	Page 2 of 3
--	---	-------------

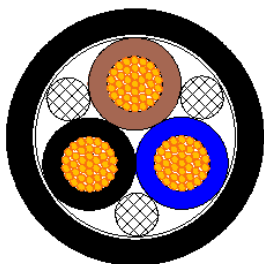
**Drawings**



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.