


7433500461	<b>DATA SHEET</b>	
Valid from: 19.02.2026	<b>EPIC® MB04C1LSAB24RK20</b>	

## Description

- Sensor/actuator PUR-cable, unshielded
- M8 Connector, A-coding, 4 Pin



## Product variations

Article no.	Article description	P1 - cable end	P2 - cable end	Length (mm)
7433500461	EPIC® MB04C1LSAB24RK20	Connector	Open end	2000 +100/-20
7433500462	EPIC® MB04C1LSAB24RK50	Connector	Open end	5000 +150/-30
7433500501	EPIC® MB04C2LSAB24RK20	Coupling	Open end	2000 +100/-20
7433500502	EPIC® MB04C2LSAB24RK50	Open end	Coupling	5000 +150/-30
7433500904	EPIC® MB04C3LSAB24RK20	Connector	Coupling	2000 +100/-20
7433500905	EPIC® MB04C3LSAB24RK50	Connector	Coupling	5000 +150/-30

Other lengths are available on request.


## Connector, general characteristics

Coding	A-Coding
Number of poles / pins	4
Product standard	IEC 61076-2-104(2014)
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:0.2 Nm Max:0.4 Nm

## Connector, electrical properties

Rated voltage	60V DC/ 50V AC
Rated surge voltage	1500 V
Rated current	3 A
Insulation resistance	≥ 100 MΩ
Contact resistance of connector	≤ 5 mΩ

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### 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	24 AWG(0.25mm <sup>2</sup> )
Number of conductors	4 (1. Brown,2. White, 3. Blue, 4. Black)
Core outer diameter	1.10 ±0.1mm
Jacket outer diameter	4.6±0.2mm
Cable weight	26 ± 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

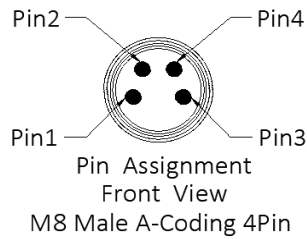
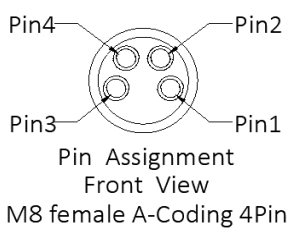
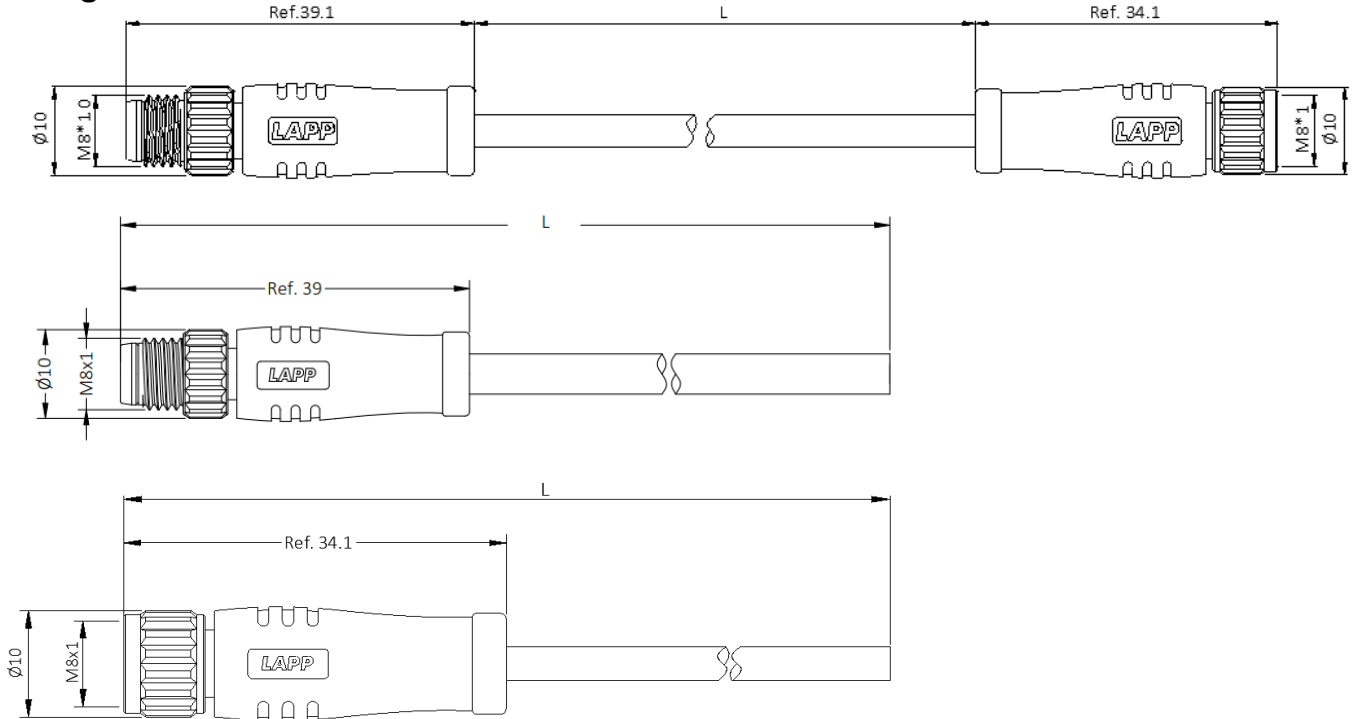
Rated voltage	300 V
Conductor resistance	MAX 87.6 Ω/km at 20°C
Dielectric strength	2000V / min.

### Cable, materials

Conductor	Bare copper
Conductor insulation	PP
Jacket	PUR, Black

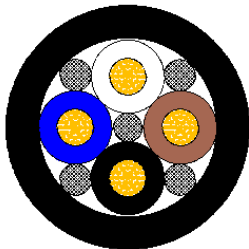
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**Drawings**



P1(female)	Wire List		P2(male)
Pin 1	Brown	棕 (AWG 24)	Pin 1
Pin 2	White	白 (AWG 24)	Pin 2
Pin 3	Blue	藍 (AWG 24)	Pin 3
Pin 4	Black	黑 (AWG 24)	Pin 4

**Cross section**



**Remark**

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