


7433508079	DATA SHEET	
Valid from: 14.11.2025	EPIC® MC04C3LSDSBP-22RG20	

Description

- Push pull connection, D-coding, 4pin
- Cable end M12 D-code male to cable end M12 D-code female
- CAT 5e



Product variations

Article no.	Articel description	P1 – cable end	P2 – cable end	Length (mm)
7433508079	EPIC® MC04C3LSDSBP-22RG20	Male Connector, straight, Push pull connection	Female Connector, straight, Push pull connection	2000 +100 / -20

Connector, general characteristics

Coding	D-Coding
Number of poles / pins	4
Product standard	IEC 61076-2-010
Shielded	yes
Protection class	IP 67
Pollution degree	3
Temperature rating (connected)	-25 up to +85°C
Temperature rating (mating)	-25 up to +85°C
Mating cycles	≥ 100
Tensile strength after mating	300N


Connector, electrical properties

Rated voltage	48V AC/60V DC
Rated surge voltage	1500 V
Rated current	4 A
Insulation resistance	≥ 100 MΩ
Contact resistance of connector	≤ 5 mΩ

Connector, materials

Contacts	Brass, Phosphor bronze, gold plated
Contact holder	PA
Overmold	TPU(UL 94-V2)/ Black
Coupling nut	Brass, nickel plated
Threaded part	Brass, nickel plated
Sealing	FKM

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Cable, general characteristics

AWM style	UL144
Conductor cross-section	22 AWG 7/0.25 ±0.02mm ²
Number of conductors	4 (1. White, 2. Yellow, 3. Blue, 4. Orange)
Core outer diameter	1.5 ±0.05mm
Pair shielding	Yes
Drain element	No
Coverage of Braid	85%
Jacket outer diameter	6.5±0.20mm
Temperature rating (fixed)	-40 up to +80°C
Temperature rating (flexible)	-20 up to +60°C
Bending radius (fixed)	52 mm
Bending radius (flexible)	52 mm
Number of bending cycles	≥ 3,000,000
Movement range	200mm
Movement speed	4 m/s
Acceleration	4 m/s ²
Cable weight	61 ± 5 kg/km
Flame resistance	acc. to UL-style 1581 vw-1
Halogen-free	acc. to DIN VDE 0472 Part 815
Oil resistance	acc. to DIN EN 60811-2-1


Cable, electrical properties

Rated voltage	300 V
Conductor resistance	59,4 Ω/km at 20°C
Insulation resistance	5000 MΩ/km at 20°C
Dielectric strength	DC 500V / 1sec min.
Data transmission category	CAT 5E

Cable, materials

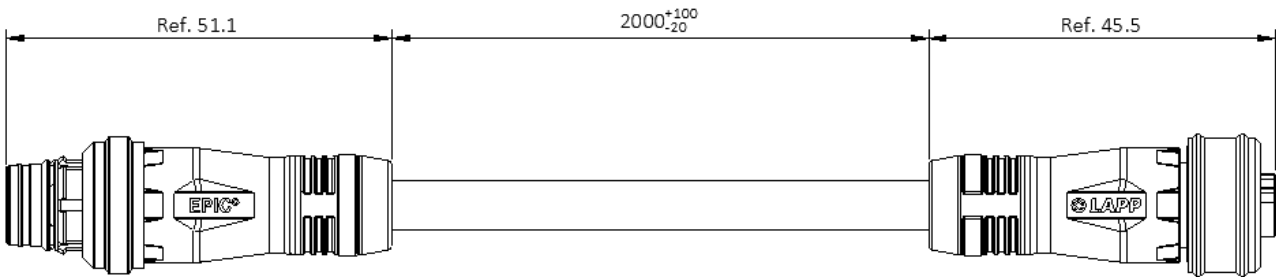
Conductor	Tinned copper
Conductor insulation	PE
Pair shielding	AL-Mylar
Drain	No
Braid	Tinned copper
Jacket	UL-TPU (94-V0), green

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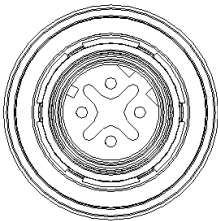
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Drawings

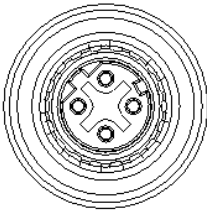
Cable



Pin diagramm



P1

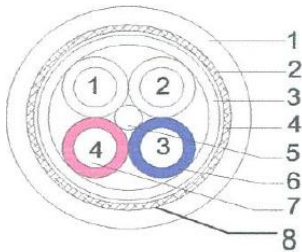


P2

Wirelist

P1(male)		P2(female)
PIN 1	Yellow	PIN 1
PIN 2	White	PIN 2
PIN 3	Orange	PIN 3
PIN 4	Blue	PIN 4
Shell	Braid	Shell

Cross section



1	Outer jacket
2	Braid
3	Inner jacket
4	AL/Polyester
5	Filler
6	Insulation
7	Conductor
8	Tape

Remark

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