


7433508079	DATA SHEET	
Valid from: 27.03.2026	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	Female Connector	2000 ⁺¹⁰⁰ ₋₂₀
7433508965	EPIC® MC04C3LSDSBP-22RG10	Male Connector	Female Connector	1000 ⁺⁵⁰ ₋₁₀
7433508966	EPIC® MC04C3LSDSBP-22RG30	Male Connector	Female Connector	3000 ⁺¹⁰⁰ ₋₂₀
7433508967	EPIC® MC04C3LSDSBP-22RG50	Male Connector	Female Connector	5000 ⁺¹⁵⁰ ₋₃₀
7433508968	EPIC® MC04C3LSDSBP-22RG100	Male Connector	Female Connector	10000 ⁺²⁰⁰ ₋₅₀
7433508969	EPIC® MC04C3LSDSBP-22RG200	Male Connector	Female Connector	20000 ⁺³⁰⁰ ₋₁₀₀
743350xxxx*	EPIC® MC04C3LSDSBP-22RGxxx	Male Connector	Female Connector	x

* Other lengths available. This data sheet also applies to lengths not listed here.

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
Over mold	TPU/ Black
Coupling nut	Brass, nickel plated
Threaded part	Brass, nickel plated
Sealing	FKM

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Cable, general characteristics

AWM style	UL 20233
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
Drain element	AL-mylar
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
Recommended Pulling tension(max.)	80N
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 IEC60332-1-2 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

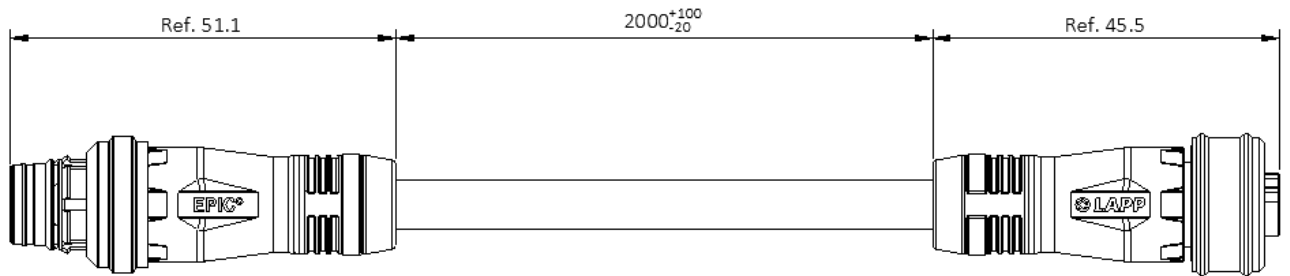
Cable, materials

Conductor	Tinned copper
Conductor insulation	PE
Braid	Tinned copper
Jacket	UL-TPU, green

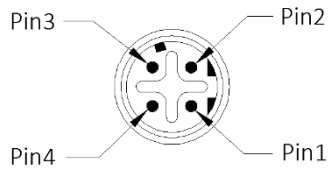
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Drawings

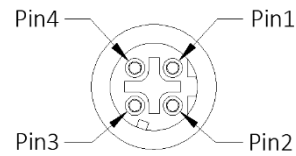
Cable



Pin diagram



Pin Assignment
Front View
M12 Male D-Coding 4Pin

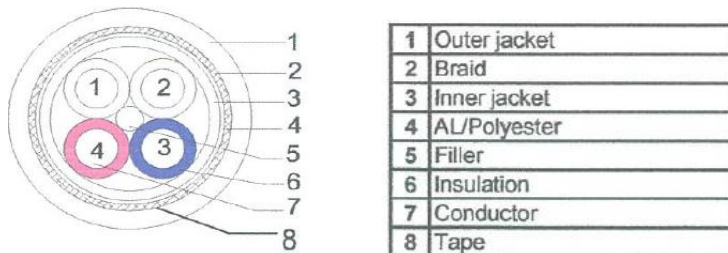


Pin Assignment
Front View
M12 female D-Coding 4PIN

Wire list

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



Remark

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