


7433508090	DATA SHEET	
Valid from: 14.11.2025	EPIC® MC08C3LSXSBP-26CK20	

Description

- Push pull connection, X-coding, 8pin
- Cable end M12 X-code male to cable end M12 X-code female
- CAT 6A



Product variations

Article no.	Articel description	P1 – cable end	P2 – cable end	Length (mm)
7433508090	EPIC® MC08C3LSXSBP-26CK20	Male Connector, straight, Push pull connection	Female Connector, straight, Push pull connection	2000 +100 / -20

Connector, general characteristics

Coding	X-Coding
Number of poles / pins	8
Product standard	IEC 61076-2-010, IEC 61076-2-109
Shielded	yes
Protection class	IP 67
Pollution degree	3
Temperature rating (connected)	-40 up to +80°C
Temperature rating (mating)	-40 up to +80°C
Mating cycles	≥ 100
Tensile strength after mating	300N


Connector, electrical properties

Rated voltage	48V AC,60V DC
Rated surge voltage	800V
Rated current	0.5A
Insulation resistance	≥ 100 MΩ
Contact resistance of connector	≤ 5 mΩ

Connector, materials

Contacts	Brass, Phosphor bronze, gold plated
Contact holder	PA
Overmold	TPU(UL94-V2)/ Black
Coupling nut	Brass, nickel plated
Threaded part	Brass, nickel plated
Sealing	FKM

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Cable, general characteristics

AWM style	UL 444
Conductor cross-section	26 AWG 7/0.16 ±0.008mm ²
Number of conductors	4x2 (1. White in Blue and Blue, 2. White in Orange and Orange, 3. White in Green and Green, 4. White in Brown in Brown)
Core outer diameter	0.5 ±0.05mm
Pair shielding	Yes
Drain element	No
Coverage of Braid	≥40%
Jacket outer diameter	6.6±0.30mm
Temperature rating (fixed)	-40 up to +80°C
Temperature rating (flexible)	-40 up to +80°C
Bending radius (fixed)	52.8 mm
Bending radius (flexible)	52.8 mm
Number of bending cycles	>1,000,000
Movement range	5m
Movement speed	3m/s
Acceleration	3m/s ²
Cable weight	46 kg/km
Flame resistance	acc. to UL-style 1581 vw-1
Halogen-free	NA
Oil resistance	NA


Cable, electrical properties

Rated voltage	300V
Conductor resistance	145 Ω/km at 20°C
Insulation resistance	5000 MΩ/km at 20°C
Data transmission category	CAT 6A

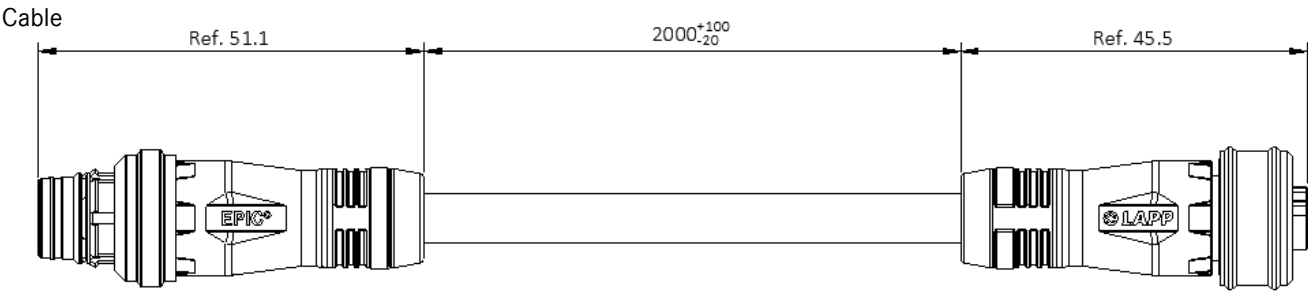
Cable, materials

Conductor	Stranded bare copper
Conductor insulation	PE
Pair shielding	AL-Mylar
Drain	No
Braid	Tinned copper
Jacket	TPU, Green

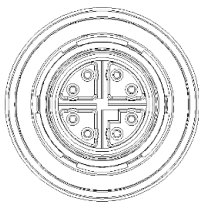
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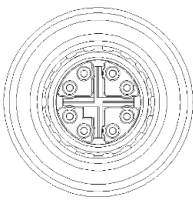
Drawings



Pin diagramm



P1

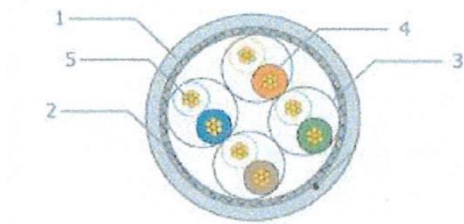


P2

Wirelist

P1 (Male)		P2 (Female)
PIN 1	White /Orange (AWG 26)	PIN 1
PIN 2	Orange (AWG 26)	PIN 2
PIN 3	White/Green (AWG 26)	PIN 3
PIN 4	Green (AWG 26)	PIN 4
PIN 5	White /Brown (AWG 26)	PIN 5
PIN 6	Brown (AWG 26)	PIN 6
PIN 7	White /Blue (AWG 26)	PIN 7
PIN 8	Blue (AWG 26)	PIN 8
Shell	Braid	Shell

Cross section



1	Jacket
2	Braid
3	Aluminum foil
4	Insulation
5	Core

Remark

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

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