


7433508990	DATA SHEET	
Valid from: 27.03.2026	EPIC® MC12C3LSASBP-26CK20	

Description

- Push pull connection, A-coding, 12Pin
- Cable end M12 A-code male to cable end M12 A-code female
- UL2464 12Cx26AWG



Product variations

Article no.	Articel description	P1 – cable end	P2 – cable end	Length (mm)
7433508990	EPIC® MC12C3LSASBP-26CK20	Male Connector	Female Connector	2000 ⁺¹⁰⁰ ₋₂₀
7433508989	EPIC® MC12C3LSASBP-26CK10	Male Connector	Female Connector	1000 ⁺⁵⁰ ₋₁₀
7433508991	EPIC® MC12C3LSASBP-26CK30	Male Connector	Female Connector	3000 ⁺¹⁰⁰ ₋₂₀
7433508992	EPIC® MC12C3LSASBP-26CK50	Male Connector	Female Connector	5000 ⁺¹⁵⁰ ₋₃₀
7433508993	EPIC® MC12C3LSASBP-26CK100	Male Connector	Female Connector	10000 ⁺²⁰⁰ ₋₅₀
7433508xxx	EPIC® MC12C3LSASBP-26CKxxx	Male Connector	Female Connector	x

x = Alternative lengths are available on request. The data sheet also applies to different lengths.

Connector, general characteristics

Coding	A-Coding
Number of poles / pins	12
Product standard	IEC 61076-2-010
Shielded	Yes
Protection class	IP 67
Pollution degree	3
Temperature rating (connected)	-25 up to +80°C
Mating cycles	≥ 100
Tensile strength after mating	300N


Connector, electrical properties

Rated voltage	30V
Rated surge voltage	500V
Rated current	1.5A
Insulation resistance	≥ 100 MΩ
Contact resistance of connector	≤ 5 mΩ

Connector, materials

Contacts	Brass, Phosphor bronze, gold plated
Contact holder	PA
Over mold	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	UL2464
Conductor cross-section	26 AWG 28/0.08 ±0.02mm ²
Number of conductors	8 (1. White, 2. Brown, 3. Green, 4. yellow, 5. Grey 6. Pink, 7. Blue, 8. Red, 9. Orange, 10. Dark purple, 11. Black, 12. Purple)
Core outer diameter	1.0 ±0.1mm
Drain element	AL-mylar
Coverage of Braid	80%
Jacket outer diameter	6.8±0.15mm
Temperature rating (fixed)	-40 up to +80°C
Bending radius (fixed)	54.4 mm
Number of bending cycles	≥ 5,000
Cable weight	67.9 kg/km
Flame resistance	acc. to UL-style 1581 vw-1

Cable, electrical properties

Rated voltage	300V
Conductor resistance	150 Ω/km at 20°C

Cable, materials

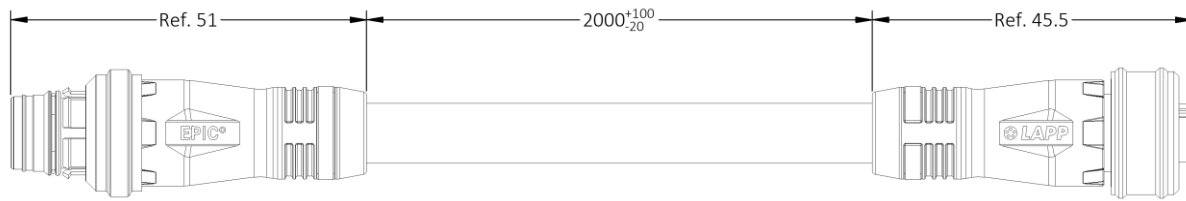
Conductor	Stranded Tinned Copper
Conductor insulation	SRPVC
Drain	AL-mylar
Braid	Tinned copper
Jacket	PVC, Black

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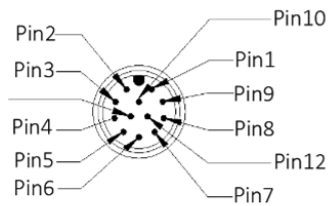
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Drawings

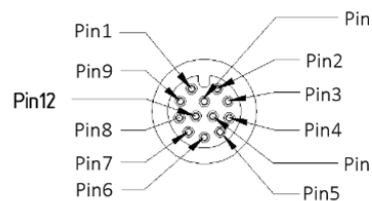
Cable



Pin diagram



Pin Assignment
Front View
M12 male A-Coding 12PIN

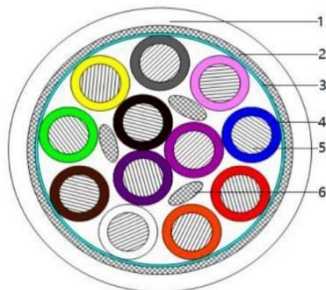


Pin Assignment
Front View
M12 female A-Coding 12PIN

Wire list

P1(male)		P2(female)	
PIN 1	White (AWG 26)	PIN 1	
PIN 2	Brown (AWG 26)	PIN 2	
PIN 3	Green (AWG 26)	PIN 3	
PIN 4	Yellow (AWG 26)	PIN 4	
PIN 5	Gray (AWG 26)	PIN 5	
PIN 6	Pink (AWG 26)	PIN 6	
PIN 7	Blue (AWG 26)	PIN 7	
PIN 8	Red (AWG 26)	PIN 8	
PIN 9	Orange (AWG 26)	PIN 9	
PIN 10	Dark purple (AWG 26)	PIN 10	
PIN 11	Black (AWG 26)	PIN 11	
PIN 12	Purple (AWG 26)	PIN 12	
Shell	Braid	Shell	

Cross section



1	Jacket
2	Braid
3	AL-mylar
4	Insulation
5	Conductor
6	Filler

Remark

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

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