


7433508080	DATA SHEET	
Valid from: 27.03.2026	EPIC® MC17C3LSASBP-26CK20	

Description

- Push pull connection, A-coding, 17pin
- Cable end M12 A-code male to cable end M12 A-code female
- 17Cx26AWG



Product variations

Article no.	Articel description	P1 – cable end	P2 – cable end	Length (mm)
7433508080	EPIC® MC17C3LSASBP-26CK20	Male Connector	Female Connector	2000 ⁺¹⁰⁰ ₋₂₀
7433508975	EPIC® MC17C3LSASBP-26CK10	Male Connector	Female Connector	1000 ⁺⁵⁰ ₋₁₀
7433508976	EPIC® MC17C3LSASBP-26CK30	Male Connector	Female Connector	3000 ⁺¹⁰⁰ ₋₂₀
7433508977	EPIC® MC17C3LSASBP-26CK50	Male Connector	Female Connector	5000 ⁺¹⁵⁰ ₋₃₀
7433508978	EPIC® MC17C3LSASBP-26CK100	Male Connector	Female Connector	10000 ⁺²⁰⁰ ₋₅₀
743350xxxx	EPIC® MC17C3LSASBP-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	17
Product standard	IEC 61076-2-010
Shielded	Yes
Protection class	IP 67
Pollution degree	3
Temperature rating (connected)	-25 up to +80°C
Temperature rating (mating)	-25 up to +80°C
Mating cycles	≥ 100
Tensile strength after mating	300N


Connector, electrical properties

Rated voltage	30V
Rated surge voltage	800V
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 30/0.08 ±0.02mm ²
Number of conductors	17 (1. Pink in Grey, 2. Red in Blue, 3. White in Green, 4. Brown in Green, 5. White in Yellow, 6. Yellow in Brown, 7. White in Grey, 8. Brown, 9. Blue, 10. White, 11. Green, 12. Pink, 13. Yellow, 14. Black, 15. Gray, 16. Red, 17. Purple,)
Core outer diameter	0.5 ±0.05mm
Coverage of Braid	85%
Jacket outer diameter	8.4±0.40mm
Temperature rating (fixed)	-20 up to +80°C
Temperature rating (flexible)	-10 up to +80°C
Bending radius (fixed)	≥ 5*OD
Bending radius (flexible)	≥ 7.5*OD
Number of bending cycles	≥ 5,000,000
Movement range	≤ 2m
Movement speed	2 m/s
Acceleration	2 m/s ²
Cable weight	110.4 kg/km
Flame resistance	acc. to UL-style 1581 vw-1


Cable, electrical properties

Rated voltage	2 KV
Conductor resistance	150 Ω/km at 20°C

Cable, materials

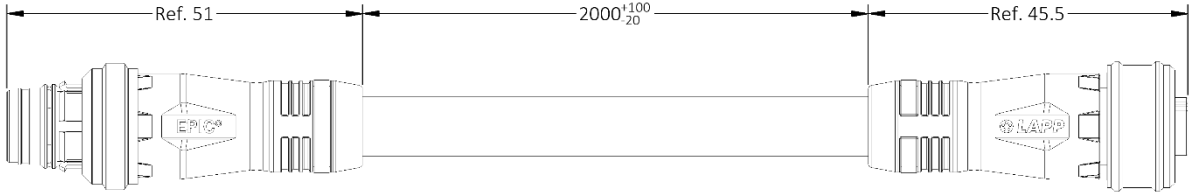
Conductor	Tinned copper
Conductor insulation	SRPVC
Braid	Tinned copper
Jacket	PVC, Black

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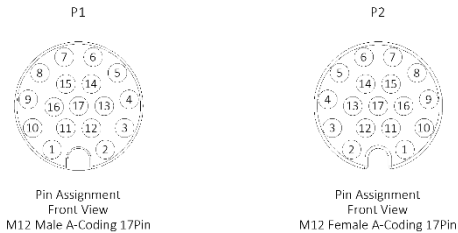
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Drawings

Cable



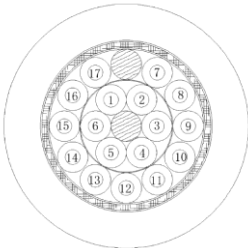
Pin diagram



Wire list

P1(male)		P2(female)
PIN 1	Brown (AWG 26)	PIN 1
PIN 2	Blue (AWG 26)	PIN 2
PIN 3	White (AWG 26)	PIN 3
PIN 4	Green (AWG 26)	PIN 4
PIN 5	Pink (AWG 26)	PIN 5
PIN 6	Yellow (AWG 26)	PIN 6
PIN 7	Black (AWG 26)	PIN 7
PIN 8	Gray (AWG 26)	PIN 8
PIN 9	Red (AWG 26)	PIN 9
PIN 10	Purple (AWG 26)	PIN 10
PIN 11	Gray/Pink (AWG 26)	PIN 11
PIN 12	Red/Blue (AWG 26)	PIN 12
PIN 13	White/Green (AWG 26)	PIN 13
PIN 14	Brown/Green (AWG 26)	PIN 14
PIN 15	White/Yellow (AWG 26)	PIN 15
PIN 16	Yellow/Brown (AWG 26)	PIN 16
PIN 17	White/Gray (AWG 26)	PIN 17
Shell	Braid	Shell

Cross section



Remark

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

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