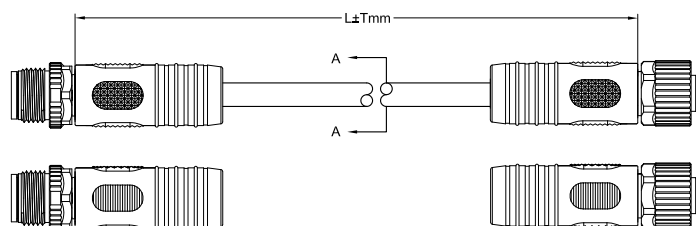


Overview

- M12 Male L to M12 Female L PUR Cable
- Head A: IP66K, IP67; Head B: IP66K, IP67
- Cable: 4C*16AWG(84/0.15±0.008BC)+PP rope+ Non-woven fabrics PUR JACKET OD:Ø7.2±0.2MM.
- Marking: 4C 1.5MM² / 16AWG 80°C 300V PUR



Technical data

Side A

Head A: Connection	M12
Head A: Angle cable outlet	0°
Head A: Gender	Male
Head A: Coding	L
Head A: No. of poles	4
Head A: LED	No
Head A: Width across flats	SW13
Head A: Tightening torque	0.6 Nm
Head A: Knurled nut material	Zinc-pressure die casting, surface Ni
Head A: Body color	Black
Labeling sleeve side A	Yes
O-Ring:	N/A

Side B

Head B: Connection	M12
Head B: Angle cable outlet	0°
Head B: Gender	Female
Head B: Coding	L
Head B: No. of poles	4
Head B: LED	No
Head B: Width across flats	SW13
Head B: Tightening torque	0.6 Nm
Head B: Knurled nut material	Zinc-pressure die casting, surface Ni
Head B: Body color	Black
Labeling sleeve side B	Yes
O-Ring:	Silica gel

Electrical data

Operating voltage	max.63V DC/AC
Nominal voltage	300 V
Contact resistance	max. 30 mOhm
Operating current per contact	max. 12 A

Mechanical data

Head A: Degree of protection	IP66K, IP67
Head B: Degree of protection	IP66K, IP67
Bending radius (mobile)	min.15 x outer diameter
Bending radius (fixed)	min.8 x outer diameter
Torsion stress in	± 180 °/m

Environmental conditions

Temperature range (mobile)	-25°C+70°C
Temperature range (fixed)	-25°C+80°C
Cable: Temperature range (fixed)	-40°C+80°C
Dragchain capable	Yes
Head A: Chemical resistance	No
Head A: Flame resistance	HB (UL 94)
Head A: Oil resistance	ASTM 1 oil, mineral oils, limited to hydraulic oils
Head A: Acid and alkali resistant	No

Cables

Cable length	0~20m
Length tolerance	+35-15/±80mm
Shielded	No
Conductor structure	84X0.15MM
AWG	16
External sheath: Material	PUR
External sheath: Color	/
Cable diameter	7.2±0.2mm
Wire cross section	40.7mm²

Technical data

Environmental conditions

Head A: Pollution degree	3
Head B: Chemical resistance	No
Head B: Flame resistance	HB (UL94)
Head B: Pollution degree	3

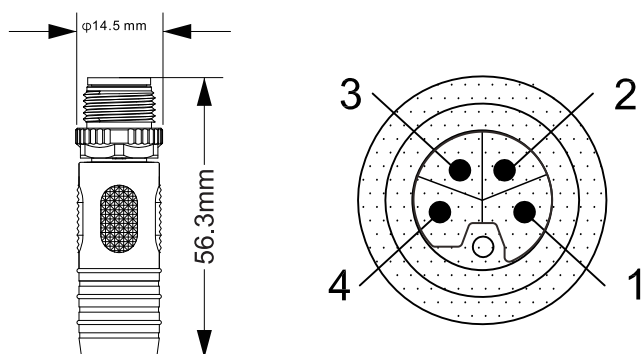
Environmental conditions

Cable: Silicone-free	Yes
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Side A

Technical drawing

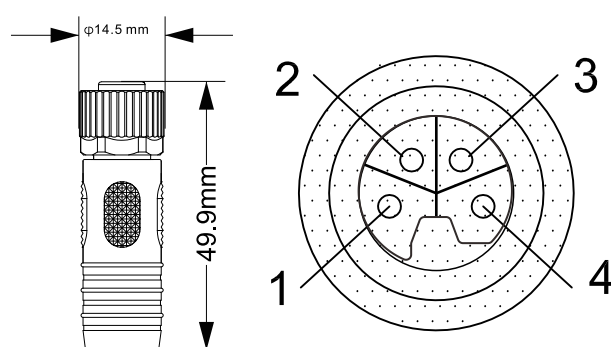
Coding



Side B

Technical drawing

Coding



Connection diagram

SIDE A

1	BROWN
2	WHITE
3	BLUE
4	BLACK

SIDE B

1	BROWN
2	WHITE
3	BLUE
4	BLACK

Sectional view

