

Overview

- M12, Male, A-coded, 4-poles; PVC, shielded, 1000 cm, free cable end
- For static applications
- Head A: IP65, IP66K, IP67
- Cable: good resistance against chemicals, flames



Technical data

Side A

Head A: Connection	M12
Head A: Angle cable outlet	0°
Head A: Gender	Male
Head A: Coding	A
Head A: No. of poles	4
Head A: LED	No
Head A: Width across flats	AF13
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

Side B

Head B: Connection	Open-ended wires
Labeling sleeve side B	Yes

Cables

Cable length	1000 cm
Length tolerance	± 15 cm
Stripping length	20 mm
Shielded	Yes
Conductor structure	19 × 0.15 mm
AWG	22
External sheath: Material	PVC
External sheath: Color	Black
Cable diameter	5.3 mm ± 5%
Wire cross section	0.34 mm ²

Electrical data

Operating voltage	max. 60 V AC/DC 0
Operating voltage (only UL listed)	30 V AC/DC

Electrical data

Nominal voltage	300 V AC
Contact resistance	max. 30 mOhm
Operating current per contact	max. 4 A

Mechanical data

Head A: Degree of protection	IP65, IP66K, IP67
Bending radius (fixed)	min. 10 × outer diameter

Environmental conditions

Temperature range (mobile)	- 5 ...+ 80 °C
Temperature range (fixed)	- 25 ...+ 80 °C
Cable: Temperature range (fixed)	- 30 ...+ 80 °C
Dragchain capable	No
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
Head A: Pollution degree	3
Cable: Chemical resistance	Good
Cable: Flame resistance	Conform UL 1581 VW-1, CSA FT1, IEC 60332-1-2
Cable: Oil resistance	Good
Cable: Silicone-free	Yes

Commercial data

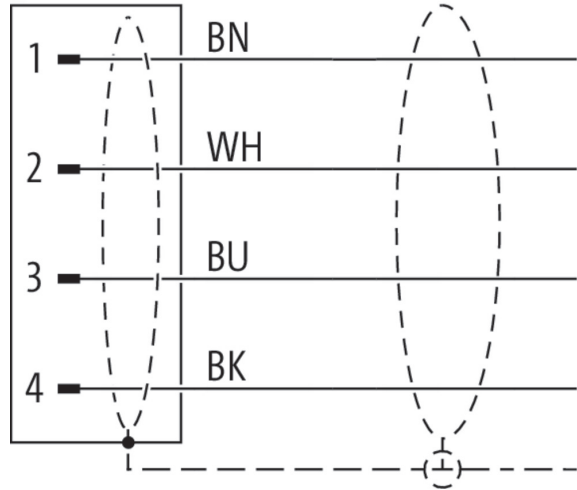
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Side A

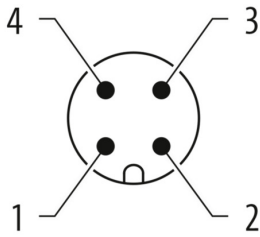
Technical drawing



Connection diagram



Coding



Side B

Technical drawing

