

Overview

- M12, female, A-coded; 4-poles; PVC, 100 cm, free cable end
- Suitable for food & beverage
- Head A: IP65, IP68
- Cable: good resistance against chemicals, flames



Technical data

Side A		Cable	
Head A: Connection	M12	AWG	22
Head A: Angle cable outlet	0°	Bending radius (fixed)	min. 5 × outer diameter
Head A: Gender	Female	Cable type	1
Head A: Coding	A	Cable weight	approx. 40.7 g/m
Head A: No. of poles	4	Conductor structure	19 × 0.15 mm
Head A: LED	No	Cable diameter	5 mm ± 5%
Head A: Width across flats	AF14	Conductor: Material	Copper, bare
Head A: Tightening torque	0.6 Nm	External sheath: Material	PVC
Head A: Knurled nut material	Stainless steel (V4A)	Insulation: Material	PVC
Head A: Body color	Gray	Nominal voltage	300 V AC
Head A: Gasket material	FKM	Paired stranding	No
Labeling sleeve side A	No	Single wire diameter	0.15 mm
Side B		Cable: Test voltage	2 kV
Head B: Connection	Open-ended wires	Total stranding	4 wires strand
Labeling sleeve side B	No	Wire cross section	0.34 mm ²
Cables		Wire processing	No
Cable length	100 cm	Wire diameter incl. isolation	1.25 mm ± 5%
Length tolerance	+ 5 cm	External sheath: Color	Gray
Stripping length	20 mm	Electrical data	
Shielded	No	Operating voltage	max. 250 V AC/DC
Conductor structure	19 × 0.15 mm	Operating voltage (only UL listed)	30 V AC/DC
AWG	22	Nominal voltage	300 V AC
External sheath: Material	PVC	Contact resistance	max. 30 mOhm
External sheath: Color	Gray	Operating current per contact	max. 4 A
Cable diameter	5 mm ± 5%	Mechanical data	
Wire cross section	0.34 mm ²	Head A: Degree of protection	IP65, IP68
Cable		Bending radius (fixed)	min. 5 × outer diameter
Cable: Temperature range (mobile)	- 5 ...+ 80 °C	Environmental conditions	
Cable: Temperature range (fixed)	- 30 ...+ 80 °C	Temperature range (mobile)	- 5 ...+ 80 °C
Operating voltage (only UL listed)	30 V AC/DC	Temperature range (fixed)	- 25 ...+ 80 °C
Shielded	No	Cable: Temperature range (fixed)	- 30 ...+ 80 °C
Bending radius (fixed)	25 mm	Dragchain capable	No
Number of wires	4	Head A: Chemical resistance	No
Number and diameter of wires	4x0.34	Head A: Flame resistance	HB (UL 94)
Length tolerance	+ 5 cm		
Cable length	100 cm		

The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

Technical data

Environmental conditions

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

Environmental conditions

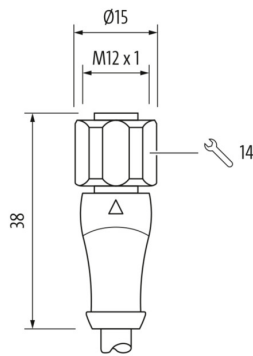
Cable: Oil resistance	Good
Cable: Silicone-free	Yes

Commercial data

Eclass	27060311
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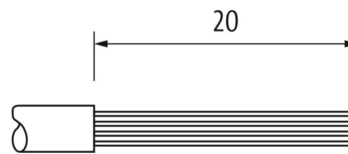
Side A

Technical drawing

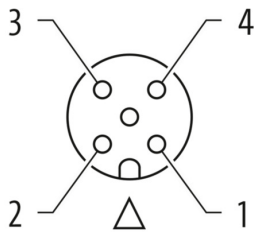


Side B

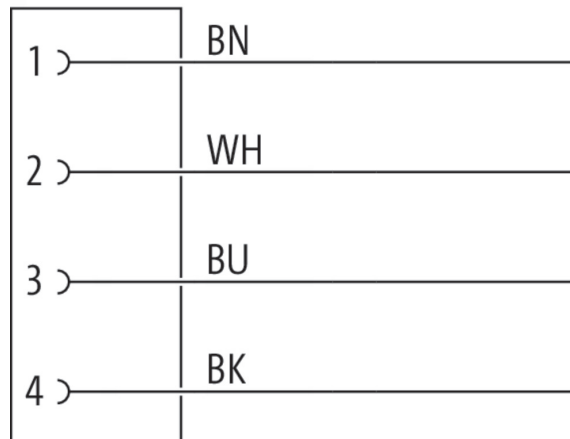
Technical drawing



Coding



Connection diagram



Dimension drawing

