

Overview

- M12, Male, A-coded, 4-poles; PVC, shielded, 2500 cm, free cable end
- For static applications
- Head A: IP65, IP66K, IP67
- Cable: good resistance against chemicals, flames



Technical data

Side A		Cable	
Head A: Connection	M12	Length tolerance	± 37.5 cm
Head A: Angle cable outlet	0°	Cable length	2500 cm
Head A: Gender	Male	AWG	22
Head A: Coding	A	Bending radius (fixed)	min. 10 × outer diameter
Head A: No. of poles	4	Cable type	1
Head A: LED	No	Cable weight	approx. 58.3 g/m
Head A: Width across flats	AF13	Conductor structure	19 × 0.15 mm
Head A: Tightening torque	0.6 Nm	Cable diameter	5.3 mm ± 5%
Head A: Knurled nut material	Zinc-pressure die casting, surface Ni	Conductor: Material	Copper, bare
Head A: Body color	Black	External sheath: Material	PVC
Labeling sleeve side A	Yes	Insulation: Material	PVC
Side B		Shielding: Material	Copper, tinned
Head B: Connection	Open-ended wires	Nominal voltage	300 V AC
Labeling sleeve side B	Yes	Paired stranding	No
Cables		Single wire diameter	0.15 mm
Cable length	2500 cm	Cable: Test voltage	2 kV 0
Length tolerance	± 37.5 cm	Total stranding	4 wires strand
Stripping length	20 mm	Wire cross section	0.34 mm ²
Shielded	Yes	Wire processing	No
Conductor structure	19 × 0.15 mm	Wire diameter incl. isolation	1.25 mm ± 5%
AWG	22	External sheath: Color	Black
External sheath: Material	PVC	Electrical data	
External sheath: Color	Black	Operating voltage	max. 60 V AC/DC 0
Cable diameter	5.3 mm ± 5%	Operating voltage (only UL listed)	30 V AC/DC
Wire cross section	0.34 mm ²	Nominal voltage	300 V AC
Cable		Contact resistance	max. 30 mOhm
External sheath: Shore hardness	85 ± 5 A	Operating current per contact	max. 4 A
Cable: Temperature range (mobile)	- 5 ...+ 80 °C	Mechanical data	
Cable: Temperature range (fixed)	- 30 ...+ 80 °C	Head A: Degree of protection	IP65, IP66K, IP67
Operating voltage (only UL listed)	30 V AC/DC	Bending radius (fixed)	min. 10 × outer diameter
Shielded	Yes	Environmental conditions	
Shielding: Covering	approx. 80 %	Temperature range (mobile)	- 5 ...+ 80 °C
Bending radius (fixed)	53 mm	Temperature range (fixed)	- 25 ...+ 80 °C
Number of wires	4	Cable: Temperature range (fixed)	- 30 ...+ 80 °C
Number and diameter of wires	4x0.34	Dragchain capable	No

Technical data

Environmental conditions

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

Environmental conditions

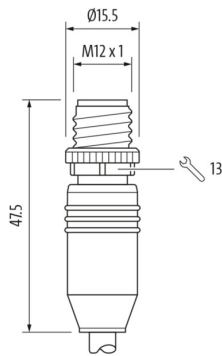
Cable: Chemical resistance	Good
Cable: Flame resistance	Conform UL 1581 VW-1, CSA FT1, IEC 60332-1-2
Cable: Oil resistance	Good
Cable: Silicone-free	Yes

Commercial data

Eclass	27060311
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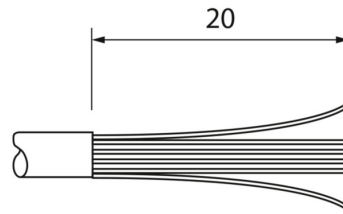
Side A

Technical drawing

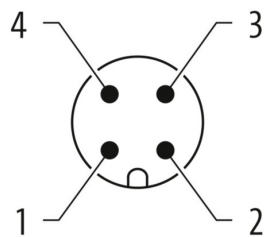


Side B

Technical drawing



Coding



Connection diagram

