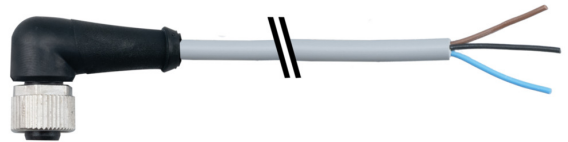


Overview

- M12, female, 90°, A-coded, 3-poles; PVC, 100 cm, open cable end
- Head A: IP65, IP66K, IP67



Technical data

Side A		Cable	
Head A: Connection	M12	Shielded	No
Head A: Angle cable outlet	90°	Number of wires	3
Head A: Gender	Female	Number and diameter of wires	3x0.34
Head A: Coding	A	Cable length	100 cm
Head A: No. of poles	3	AWG	22
Head A: LED	No	Bending radius (fixed)	min. 5 × outer diameter
Head A: Width across flats	AF13	Bending radius (mobile)	min. 10 × outer diameter
Head A: Tightening torque	0.6 Nm	Cable type	1
Head A: Knurled nut material	Zinc-pressure die casting, surface Ni	Cable weight	approx. 34.1 g/m
Head A: Body color	Black	Conductor structure	19 × 0.15 mm
Head A: Gasket material	FKM	Cable diameter	4.6 mm ± 5%
Labeling sleeve side A	Yes	Conductor: Material	Copper, bare
Side B		External sheath: Material	PVC
Head B: Connection	Open-ended wires	Insulation: Material	PVC
Labeling sleeve side B	Yes	Nominal voltage	300 V AC
Cables		Paired stranding	No
Cable length	100 cm	Single wire diameter	0.15 mm
Stripping length	20 mm	Cable: Test voltage	2 kV
Shielded	No	Total stranding	3 wires strand
Conductor structure	19 × 0.15 mm	Wire cross section	0.34 mm²
AWG	22	Wire processing	No
External sheath: Material	PVC	Wire diameter incl. isolation	1.25 mm ± 5%
External sheath: Color	Gray	External sheath: Color	Gray
Cable diameter	4.6 mm ± 5%	Electrical data	
Wire cross section	0.34 mm²	Operating voltage	max. 250 V AC/DC
Cable		Nominal voltage	300 V AC
Cable: Temperature range (mobile)	- 5 ...+ 80 °C	Contact resistance	max. 30 mOhm
Cable: Temperature range (fixed)	- 30 ...+ 80 °C	Operating current per contact	max. 4 A

Technical data
Mechanical data

Head A: Degree of protection	IP65, IP66K, IP67
Bending radius (mobile)	min. 10 × outer diameter
Bending radius (fixed)	min. 5 × 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)

Environmental conditions

Head A: Oil resistance	Good resistance to ASTM 1 oil and mineral oils. Limited resistance to hydraulic oils. If other oils are used, the resistance must be checked in relation to the application.
Head A: Acid and alkali resistant	No
Head A: Pollution degree	3
Cable: Chemical resistance	Good
Cable: Flame resistance	Conform UL 1581 VW-1
Cable: Oil resistance	Good
Cable: Silicone-free	Yes

Commercial data

Eclass	27060311
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