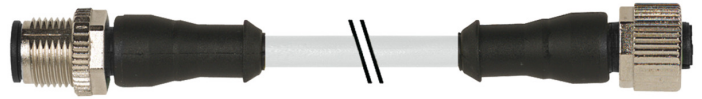


Overview

- M12, male, A-coded, 5-poles; PVC, 300 cm; M12, female, A-coded, 5-poles
- Head A: IP65, IP66K, IP67



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	5
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	M12
Head B: Angle cable outlet	0°
Head B: Gender	Female
Head B: Coding	A
Head B: No. of poles	5
Head B: LED	No
Head B: Width across flats	AF13
Head B: Knurled nut material	Zinc-pressure die casting, surface Ni
Head B: Body color	Black
Head B: Gasket material	FKM
Labeling sleeve side B	Yes

Cables

Cable length	300 cm
Shielded	No
Conductor structure	19 × 0.15 mm
AWG	22
External sheath: Material	PVC
External sheath: Color	Gray
Cable diameter	5.2 mm ± 5%
Wire cross section	0.34 mm ²

Cable

Cable: Temperature range (mobile)	- 5 ...+ 80 °C
Cable: Temperature range (fixed)	- 30 ...+ 80 °C
Shielded	No
Cable length	300 cm
AWG	22

Cable

Bending radius (fixed)	min. 5 × outer diameter
Bending radius (mobile)	min. 10 × outer diameter
Cable type	1
Wire 1: Color	BN
Wire 2: Color	BK
Wire 3: Color	BU
Wire 4: Color	WH
Wire 5: Color	GY
Conductor structure	19 × 0.15 mm
Cable diameter	5.2 mm ± 5%
Conductor: Material	Copper, bare
External sheath: Material	PVC
Insulation: Material	PVC
Nominal voltage	300 V AC
Paired stranding	No
Single wire diameter	0.15 mm
Cable: Test voltage	2 kV
Total stranding	5 wires strand around core-filler
Wire cross section	0.34 mm ²
Wire processing	No
Wire diameter incl. isolation	1.25 mm ± 5%
External sheath: Color	Gray

Electrical data

Operating voltage	max. 125 V AC/DC 0
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
Head B: 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

Technical data
Environmental conditions

Head A: Chemical resistance	No
Head A: Flame resistance	HB (UL 94)
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
Head B: Chemical resistance	No
Head B: Flame resistance	HB (UL 94)
Head B: 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.

Environmental conditions

Head B: Acid and alkali resistant	No
Head B: 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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