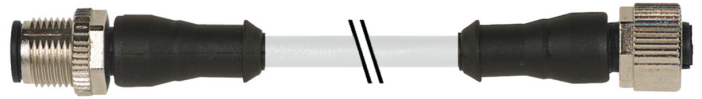


Overview

- M12, male, A-coded, 5-poles; PVC, 2500 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
Head A: Contact layout pin 1	BN
Head A: Contact layout pin 2	WH
Head A: Contact layout pin 3	BU
Head A: Contact layout pin 4	BK
Head A: Contact layout pin 5	GY

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
Head B: Contact layout pin 1	BN
Head B: Contact layout pin 2	WH
Head B: Contact layout pin 3	BU
Head B: Contact layout pin 4	BK

Side B

Head B: Contact layout pin 5	GY
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Cables

Cable length	2500 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 mm²
Cable: Halogen free	No

Cable

Cable: Temperature range (mobile)	- 5 ...+ 80 °C
Cable: Temperature range (fixed)	- 30 ...+ 80 °C
Operating voltage (only UL listed)	30 V AC/DC
Shielded	No
Bending radius (fixed)	26 mm
Number of wires	5
Number and diameter of wires	5x0.34
Cable length	2500 cm
AWG	22
Bending radius (fixed)	min. 5 × outer diameter
Bending radius (mobile)	min. 10 × outer diameter
Cable type	1
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 mm²
Wire processing	No
Wire diameter incl. isolation	1.25 mm ± 5%

Technical data
Cable

External sheath: Color Gray

Electrical data

Operating voltage max. 125 V AC/DC 0

Operating voltage (only UL listed) 30 V AC/DC

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) - 25 ...+ 80 °C

Temperature range (fixed) - 25 ...+ 85 °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

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.

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