

Overview

- M8, male, A-coded, 3-poles; PVC, 100 cm, open cable end
- Head A: IP65, IP66K, IP67



Technical data

Side A

Head A: Connection	M8
Head A: Angle cable outlet	0°
Head A: Gender	Male
Head A: Coding	A
Head A: No. of poles	3
Head A: LED	No
Head A: Width across flats	AF9
Head A: Tightening torque	0.4 Nm
Head A: Knurled nut material	Brass, surface Ni
Head A: Body color	Black
Labeling sleeve side A	Yes
Head A: Contact layout pin 1	BN
Head A: Contact layout pin 3	BU
Head A: Contact layout pin 4	BK

Side B

Head B: Connection	Open-ended wires
Labeling sleeve side B	Yes

Cables

Cable length	100 cm
Stripping length	20 mm
Shielded	No
AWG	24
External sheath: Material	PVC
External sheath: Color	Gray
Cable diameter	4.5 mm ± 5%
Wire cross section	0.25 mm²
Cable: Halogen free	No

Cable

Operating voltage (only UL listed)	30 V AC/DC
Shielded	No
Bending radius (fixed)	25 mm
Number of wires	3
Number and diameter of wires	3x0.25
Cable length	100 cm

Cable

AWG	24
Cable type	1
Cable diameter	4.5 mm ± 5%
Conductor: Material	Copper, bare
External sheath: Material	PVC
Insulation: Material	PVC
Paired stranding	No
Total stranding	3 wires strand
Wire cross section	0.25 mm²
Wire processing	No
Wire diameter incl. isolation	1.25 mm ± 5%
External sheath: Color	Gray

Electrical data

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

Head A: Degree of protection	IP65, IP66K, IP67
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Environmental conditions

Temperature range (mobile)	- 25 ...+ 80 °C
Temperature range (fixed)	- 25 ...+ 80 °C
Dragchain capable	No
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
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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Dimension drawing

