

Vue d'ensemble

- M12, female, A-coded, 4-poles; PVC, 500 cm, free cable end
- Head A: IP67
- Cable: good resistance against chemicals and oils



Caractéristiques techniques

Side A		Cable	
Head A: Connection	M12	Cable weight	approx. 40,7 g/m
Head A: Angle cable outlet	0°	Conductor structure	19 × 0,15 mm
Head A: Gender	Female	Cable diameter	5 mm ± 5%
Head A: Coding	A	Conductor: Material	Copper, bare
Head A: No. of poles	4	External sheath: Material	PVC
Head A: LED	No	Insulation: Material	PVC
Head A: Width across flats	AF13	Nominal voltage	300 V AC
Head A: Tightening torque	0,6 Nm	Paired stranding	No
Head A: Knurled nut material	Zinc-pressure die casting, surface Ni	Single wire diameter	0,15 mm
Head A: Body color	Black	Cable: Test voltage	2 kV
Head A: Gasket material	FKM	Total stranding	4 wires strand
Labeling sleeve side A	Yes	Wire cross section	0,34 mm ²
Side B		Wire processing	No
Head B: Connection	Open-ended wires	Wire diameter incl. isolation	1,25 mm ± 5%
Labeling sleeve side B	Yes	External sheath: Color	Gray
Cables		Données électriques	
Cable length	500 cm	Operating voltage	max. 250 V AC/DC
Stripping length	20 mm	Operating voltage (only UL listed)	30 V AC/DC
Shielded	No	Nominal voltage	300 V AC
Conductor structure	19 × 0,15 mm	Contact resistance	max. 30 mOhm
AWG	22	Operating current per contact	max. 4 A
External sheath: Material	PVC	Données mécaniques	
External sheath: Color	Gray	Head A: Degree of protection	IP65, IP66K, IP67
Cable diameter	5 mm ± 5%	Bending radius (fixed)	min. 5 × outer diameter
Wire cross section	0,34 mm ²	Conditions ambiantes	
Cable		Temperature range (mobile)	- 5 ...+ 80 °C
Cable: Temperature range (mobile)	- 5 ...+ 80 °C	Temperature range (fixed)	- 25 ...+ 80 °C
Cable: Temperature range (fixed)	- 30 ...+ 80 °C	Cable: Temperature range (fixed)	- 30 ...+ 80 °C
Operating voltage (only UL listed)	30 V AC/DC	Dragchain capable	No
Shielded	No	Head A: Chemical resistance	No
Bending radius (fixed)	25 mm	Head A: Flame resistance	HB (UL 94)
Number of wires	4	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.
Number and diameter of wires	4x0,34		
Cable length	500 cm		
AWG	22		
Bending radius (fixed)	min. 5 × outer diameter		
Cable type	1		

Caractéristiques techniques

Conditions ambiantes

Head A: Acid and alkali resistant	No
Head A: Pollution degree	3
Cable: Chemical resistance	Good
Cable: Flame resistance	Conform UL 1581 VW-1

Conditions ambiantes

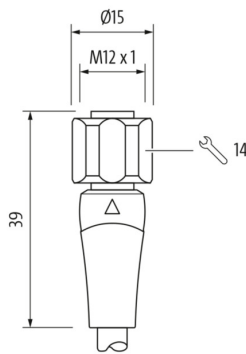
Cable: Oil resistance	Good
Cable: Silicone-free	Oui

Commercial data

Eclass	27060311
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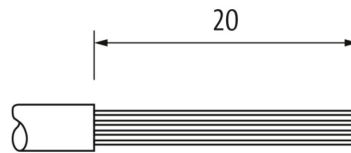
Side A

Technical drawing



Side B

Technical drawing



Coding

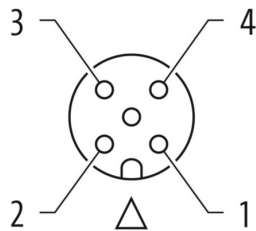


Schéma de raccordement

