

Vue d'ensemble

- M12, Female, A-coded, 12-poles; PVC, 100 cm, free cable end
- For static applications
- Head A: IP65, IP66K, IP67
- Cable: good resistance against chemicals, flames


Caractéristiques techniques

Side A		Cable	
Head A: Connection	M12	AWG	26
Head A: Angle cable outlet	0°	Bending radius (fixed)	min. 5 × outer diameter
Head A: Gender	Female	Bending radius (mobile)	min. 10 × outer diameter
Head A: Coding	A	Cable type	1
Head A: No. of poles	12	Cable weight	approx. 55 g/m
Head A: LED	No	Conductor structure	18 × 0,1 mm
Head A: Width across flats	AF13	Cable diameter	6 mm ± 5%
Head A: Tightening torque	0,6 Nm	Conductor: Material	Copper, bare
Head A: Knurled nut material	Zinc-pressure die casting, surface Ni	External sheath: Material	PVC
Head A: Body color	Black	Insulation: Material	PVC
Head A: Gasket material	FKM	Nominal voltage	300 V AC
Labeling sleeve side A	Yes	Paired stranding	No
Side B		Single wire diameter	0,1 mm
Head B: Connection	Open-ended wires	Cable: Test voltage	2 kV 0
Labeling sleeve side B	Yes	Total stranding	3 wires strand, above that 9 wires strand
Cables		Wire cross section	0,14 mm ²
Cable length	100 cm	Wire processing	No
Length tolerance	+ 5 cm	Wire diameter incl. isolation	1,05 mm ± 5%
Stripping length	80 mm	External sheath: Color	Black
Shielded	No	Données électriques	
Conductor structure	18 × 0,1 mm	Operating voltage	max. 30 V AC/DC 0
AWG	26	Nominal voltage	300 V AC
External sheath: Material	PVC	Contact resistance	max. 30 mOhm
External sheath: Color	Black	Operating current per contact	max. 1,5 A
Cable diameter	6 mm ± 5%	Données mécaniques	
Wire cross section	0,14 mm ²	Head A: Degree of protection	IP65, IP66K, IP67
Cable		Bending radius (mobile)	min. 10 × outer diameter
External sheath: Shore hardness	85 ± 5 A	Bending radius (fixed)	min. 5 × outer diameter
Cable: Temperature range (mobile)	- 5 ...+ 80 °C	Conditions ambiantes	
Cable: Temperature range (fixed)	- 30 ...+ 80 °C	Temperature range (mobile)	- 5 ...+ 80 °C
Shielded	No	Temperature range (fixed)	- 25 ...+ 80 °C
Bending radius (fixed)	30 mm	Cable: Temperature range (fixed)	- 30 ...+ 80 °C
Number of wires	12	Dragchain capable	No
Number and diameter of wires	12x0,14	Head A: Chemical resistance	No
Length tolerance	+ 5 cm	Head A: Flame resistance	HB (UL 94)
Cable length	100 cm		

Caractéristiques techniques

Conditions ambiantes

Head A: Oil resistance	ASTM 1 oil, mineral oils, limited to hydraulic oils
Head A: Acid and alkali resistant	No
Head A: Pollution degree	3
Cable: Chemical resistance	Good
Cable: Flame resistance	Conform UL 1581 VW-1, CSA FT1, IEC 60332-1-2

Conditions ambiantes

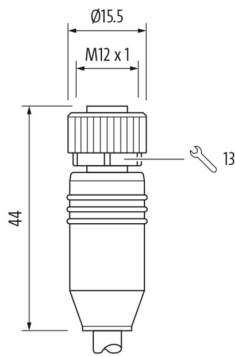
Cable: Oil resistance	Good
Cable: Silicone-free	Oui

Commercial data

Eclass	27060311
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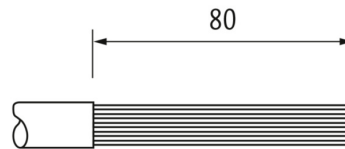
Side A

Technical drawing



Side B

Technical drawing



Coding

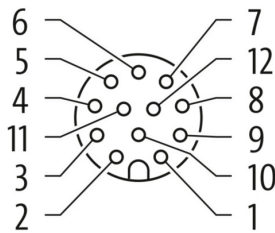


Schéma de raccordement

1)	BN
2)	BU
3)	WH
4)	GN
5)	PK
6)	YE
7)	BK
8)	GY
9)	RD
10)	VT
11)	GY PK
12)	RD BU