

Overview

- M12, Male, A-coded, 4-poles; PUR, 300 cm, free cable end
- Dragchain capable
- Head A: IP65, IP66K, IP67
- Cable: good resistance against chemicals, flames, oils
- Halogen free



Technical data

Side A		Cable	
Head A: Connection	M12	Cable diameter	5.3 mm ± 5%
Head A: Angle cable outlet	0°	Conductor: Material	Copper, bare
Head A: Gender	Male	External sheath: Material	PUR
Head A: Coding	A	Insulation: Material	PP
Head A: No. of poles	4	Shielding: Material	Copper, tinned
Head A: LED	No	No. of bending cycles (C-track)	approx. 5000000
Head A: Width across flats	AF13	Nominal voltage	300 V
Head A: Tightening torque	0.6 Nm	No. of torsion cycles	approx. 2000000
Head A: Knurled nut material	Zinc-pressure die casting, surface Ni	Paired stranding	No
Head A: Body color	Black	Single wire diameter	0.1 mm
Labeling sleeve side A	Yes	Cable: Test voltage	2 kV 0 kV AC core-core
Side B		Torsion stress in °	± 30 °/m
Head B: Connection	Open-ended wires	Total stranding	4 wires strand
Labeling sleeve side B	Yes	Travel speed (C-track)	max. 3.3 m/s
Cables		Wire cross section	0.34 mm ²
Cable length	300 cm	Wire processing	No
Length tolerance	+ 10 cm	Wire diameter incl. isolation	1.25 mm ± 5%
Stripping length	20 mm	Electrical data	
Conductor structure	42 × 0.1 mm	Operating voltage	max. 60 V AC/DC 0
AWG	22	Nominal voltage	300 V
External sheath: Material	PUR	Contact resistance	max. 30 mOhm
Cable diameter	5.3 mm ± 5%	Operating current per contact	max. 4 A
Wire cross section	0.34 mm ²	Mechanical data	
Cable		Head A: Degree of protection	IP65, IP66K, IP67
External sheath: Shore hardness	90 ± 5 A	Bending radius (mobile)	min. 10 × outer diameter
Bending radius (fixed)	26.5 mm	Bending radius (fixed)	min. 5 × outer diameter
Number of wires	4	No. of bending cycles (C-track)	approx. 5000000
Number and diameter of wires	4x0.34	Torsion stress in °	± 30 °/m
Length tolerance	+ 10 cm	No. of torsion cycles	approx. 2000000
Cable length	300 cm	Acceleration (C-track)	max. 5 m/s ²
Acceleration (C-track)	max. 5 m/s ²	Travel speed (C-track)	max. 3.3 m/s
AWG	22	Environmental conditions	
Bending radius (fixed)	min. 5 × outer diameter	Temperature range (mobile)	- 25 ...+ 80 °C
Bending radius (mobile)	min. 10 × outer diameter	Temperature range (fixed)	- 25 ...+ 80 °C
Cable type	3	Dragchain capable	Yes
Cable weight	approx. 50.6 g/m		
Conductor structure	42 × 0.1 mm		

The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

Technical data

Environmental conditions

Head A: Pollution degree	3
Cable: Chemical resistance	Good (DIN EN 60811-404)
Cable: Flame resistance	Conform UL 1581 §1090 (H), CSA FT2, IEC 60332-2-2
Cable: Oil resistance	Good (DIN EN 60811-404)

Environmental conditions

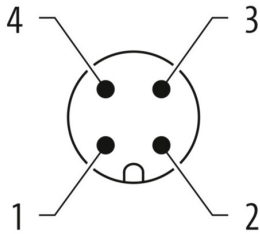
Cable: Silicone-free	Yes
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Commercial data

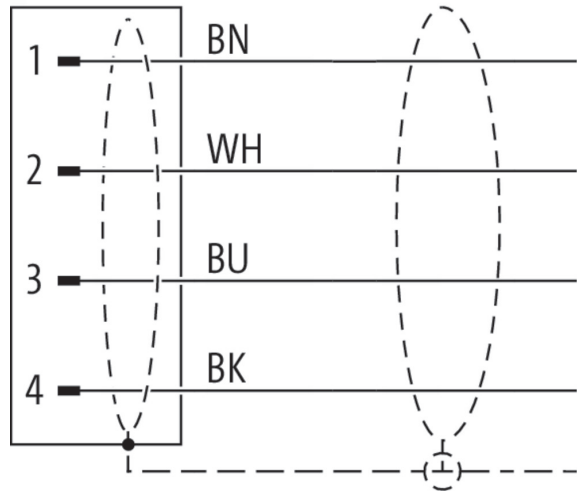
Eclass	27060311
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Side A

Coding



Connection diagram



Side B

Technical drawing

