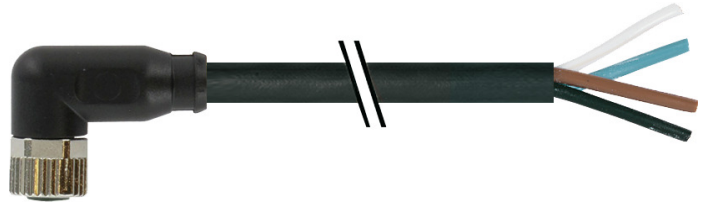


Overview

- M8, female, 90°, A-coded, 4-pin; PUR, 300 cm, free cable end
 - Dragchain capable
 - Head A: IP65, IP66K, IP67
 - Cable: good resistance against chemicals and oils
 - Halogen free
- Cable outlet to inlay 180°



Technical data

Side A		Cable	
Head A: Connection	M8	Cable: Temperature range (mobile)	- 25 ...+ 80 °C
Head A: Angle cable outlet	90°	Cable: Temperature range (fixed)	- 40 ...+ 80 °C
Head A: Cable outlet to inlay	180°	Operating voltage (only UL listed)	30 V AC/DC
Head A: Gender	Female	Shielded	No
Head A: Coding	A	Bending radius (fixed)	22.5 mm
Head A: No. of poles	4	Number of wires	4
Head A: LED	No	Number and diameter of wires	4x0.25
Head A: Width across flats	AF9	Cable length	300 cm
Head A: Tightening torque	0.4 Nm	Acceleration (C-track)	max. 10 m/s ²
Head A: Knurled nut material	Zinc-pressure die casting, surface Ni	AWG	24
Head A: Body color	Black	Torsion speed	max. 35 cycles/min
Head A: Gasket material	FKM	Bending radius (mobile)	45 mm ± 5%
Labeling sleeve side A	Yes	Cable type	3
Head A: Contact layout pin 1	BN	Cable weight	approx. 33 g/m
Head A: Contact layout pin 2	WH	Wire 1: Color	BN
Head A: Contact layout pin 3	BU	Wire 2: Color	BK
Head A: Contact layout pin 4	BK	Wire 3: Color	BU
		Wire 4: Color	WH
Side B		Conductor structure	32 × 0.1 mm
Head B: Connection	Open-ended wires	Cable diameter	4.5 mm ± 5%
Cables		Conductor: Material	Copper, bare
Cable length	300 cm	External sheath: Material	PUR
Stripping length	20 mm	Insulation: Material	PP
Shielded	No	No. of bending cycles (C-track)	approx. 10000000 Cycles
Conductor structure	32 × 0.1 mm	Nominal voltage	300 V
AWG	24	No. of torsion cycles	approx. 20000000 Cycles
External sheath: Material	PUR	Paired stranding	No
External sheath: Color	Black	Single wire diameter	0.1 mm
Cable diameter	4.5 mm ± 5%	Cable: Test voltage	2.5 kV 0
Wire cross section	0.25 mm ²	Torsion stress in °	± 180 °/m
Cable: Halogen free	Yes	Total stranding	4 wires strand
Cable		Travel speed (C-track)	max. 3 m/s
External sheath: Shore hardness	90 ± 5 A	Traversing path (horizontal)	max. 10 m
		Wire cross section	0.25 mm ²

Technical data
Cable

Wire processing	No
Wire diameter incl. isolation	1.25 mm ± 5%
External sheath: Color	Black

Electrical data

Operating voltage	50 V AC/DC 0
Operating voltage (only UL listed)	30 V AC/DC
Nominal voltage	300 V
Contact resistance	max. 30 mOhm
Operating current per contact	max. 4 A

Mechanical data

Head A: Degree of protection	IP65, IP66K, IP67
Bending radius (mobile)	45 mm ± 5%
No. of bending cycles (C-track)	approx. 10000000 Cycles
Torsion speed	max. 35 cycles/min
Torsion stress in °	± 180 °/m
No. of torsion cycles	approx. 20000000 Cycles
Acceleration (C-track)	max. 10 m/s ²

Mechanical data

Travel speed (C-track)	max. 3 m/s
------------------------	------------

Environmental conditions

Temperature range (mobile)	- 25 ...+ 80 °C
Temperature range (fixed)	- 25 ...+ 85 °C
Cable: Temperature range (fixed)	- 40 ...+ 80 °C
Dragchain capable	Yes
Head A: Chemical resistance	No
Head A: Flame resistance	HB (UL 94)
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 (DIN EN 60811-404)
Cable: Flame resistance	Conform UL 1581 §1090 (H)
Cable: Oil resistance	Good (DIN EN 60811-404)
Cable: Silicone-free	Yes
Cable: UV resistance	Yes