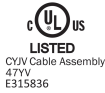


Overview

- M8, female, A-coded; 4-poles; PUR, 40 cm, shielded, free cable end
- Dragchain capable
- Head A: IP65, IP67
- Cable: good resistance against chemicals, flames, oils
- Halogen free



Technical data

Side A		Cable	
Head A: Connection	M8	Operating voltage (only UL listed)	30 V AC/DC
Head A: Angle cable outlet	0°	Shielded	Yes
Head A: Gender	Female	Shielding: Covering	approx. 85 %
Head A: Coding	A	Bending radius (fixed)	23 mm
Head A: No. of poles	4	Number of wires	4
Head A: LED	No	Number and diameter of wires	4x0.14
Head A: Width across flats	AF9	Length tolerance	+ 5 cm
Head A: Tightening torque	0.4 Nm	Cable length	40 cm
Head A: Knurled nut material	Zinc-pressure die casting, surface Ni	Acceleration (C-track)	max. 25 m/s ²
Head A: Body color	Black	AWG	26
Head A: Gasket material	FKM	Bending radius (fixed)	min. 5 × outer diameter
Labeling sleeve side A	Yes	Bending radius (mobile)	min. 10 × outer diameter
Head A: Contact layout pin 1	BN	Cable weight	approx. 23.1 g/m
Head A: Contact layout pin 2	WH	Conductor structure	18 × 0.1 mm
Head A: Contact layout pin 3	YE	Cable diameter	4.6 mm ± 5%
Head A: Contact layout pin 4	GN	Conductor: Material	Copper, bare
Side B		External sheath: Material	PUR
Head B: Connection	Open-ended wires	Insulation: Material	TPE
Labeling sleeve side B	Yes	Shielding: Material	Copper, tinned
Cables		No. of bending cycles (C-track)	approx. 500000 Cycles
Cable length	40 cm	Nominal voltage	300 V
Length tolerance	+ 5 cm	Paired stranding	No
Stripping length	20 mm	Single wire diameter	0.1 mm
Shielded	Yes	Cable: Test voltage	1.5 kV
Conductor structure	18 × 0.1 mm	Total stranding	4 wires strand
AWG	26	Travel speed (C-track)	max. 5 m/s
External sheath: Material	PUR	Traversing path (horizontal)	max. 5 m
External sheath: Color	Gray	Wire cross section	0.14 mm ²
Cable diameter	4.6 mm ± 5%	Wire processing	No
Wire cross section	0.14 mm ²	Wire diameter incl. isolation	1 mm ± 5%
Cable: Halogen free	Yes	External sheath: Color	Gray
Cable		Electrical data	
Cable: Temperature range (mobile)	- 30 ...+ 80 °C	Operating voltage	max. 50 V AC / 60 V DC
Cable: Temperature range (fixed)	- 40 ...+ 80 °C	Operating voltage (only UL listed)	30 V AC/DC
		Nominal voltage	300 V
		Contact resistance	max. 30 mOhm

Technical data

Electrical data

Operating current per contact	max. 4 A
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Mechanical data

Head A: Degree of protection	IP65, IP67
Bending radius (mobile)	min. 10 × outer diameter
Bending radius (fixed)	min. 5 × outer diameter
No. of bending cycles (C-track)	approx. 5000000 Cycles
Acceleration (C-track)	max. 25 m/s ²
Travel speed (C-track)	max. 5 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

Environmental conditions

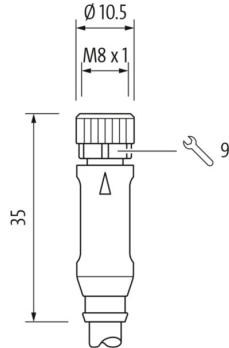
Head A: Chemical resistance	No
Head A: Flame resistance	HB (UL 94)
Head A: Oil resistance	ASTM 1 oil, mineral oils, limited to hydraulic oils
Head A: Acid and alkali resistant	No
Head A: Pollution degree	3
Cable: Chemical resistance	Good (DIN EN 60811-404)
Cable: Flame resistance	Conform UL 1581 §1090 (H), CSA FT2, IEC 60332-2-2
Cable: Oil resistance	Good (DIN EN 60811-404)
Cable: Silicone-free	Yes
Cable: UV resistance	Yes

Commercial data

Eclass	27060311
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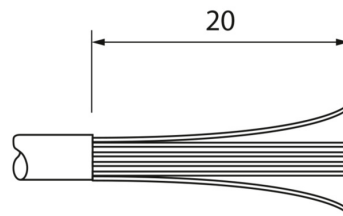
Side A

Technical drawing

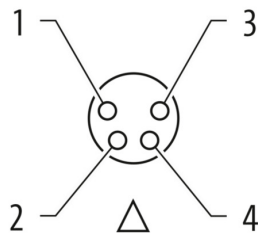


Side B

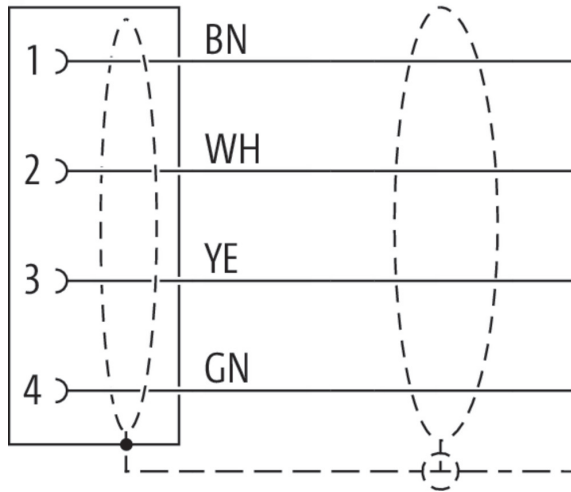
Technical drawing



Coding



Connection diagram



Dimension drawing

