

**Overview**

- M8, female, A-coded; 4-poles; PUR, 200 cm, shielded, free cable end
- Dragchain capable
- Head A: IP65, IP67
- Cable: good resistance against chemicals, flames, oils
- Halogen free



**Technical data**

Side A	
Head A: Connection	M8
Head A: Angle cable outlet	0°
Head A: Gender	Female
Head A: Coding	A
Head A: No. of poles	4
Head A: LED	No
Head A: Width across flats	AF9
Head A: Tightening torque	0.4 Nm
Head A: Knurled nut material	Zinc-pressure die casting, surface Ni
Head A: Body color	Black
Head A: Gasket material	FKM
Labeling sleeve side A	Yes
Side B	
Head B: Connection	Open-ended wires
Labeling sleeve side B	Yes
Cables	
Cable length	200 cm
Length tolerance	+ 10 cm
Stripping length	20 mm
Shielded	Yes
Conductor structure	42 × 0.1 mm
AWG	22
External sheath: Material	PUR
External sheath: Color	Black
Cable diameter	5.3 mm ± 5%
Wire cross section	0.34 mm <sup>2</sup>
Electrical data	
Operating voltage	max. 50 V AC / 60 V 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, IP67
Bending radius (mobile)	min. 10 × outer diameter
Bending radius (fixed)	min. 5 × outer diameter
No. of bending cycles (C-track)	approx. 500000 Cycles
Torsion speed	max. 35 cycles/min
Torsion stress in °	± 30 °/m
No. of torsion cycles	approx. 200000 Cycles
Acceleration (C-track)	max. 5 m/s <sup>2</sup>
Travel speed (C-track)	max. 3.3 m/s
Environmental conditions	
Temperature range (mobile)	- 25 ...+ 80 °C
Temperature range (fixed)	- 25 ...+ 80 °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), CSA FT2, IEC 60332-2-2
Cable: Oil resistance	Good (DIN EN 60811-404)
Cable: Silicone-free	Yes
Commercial data	
Eclass	27060311

2023-06-27 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

**Side A**

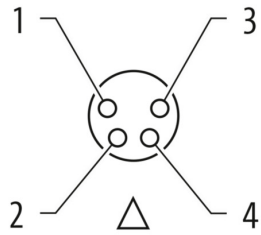
**Technical drawing**



**Connection diagram**



**Coding**



**Side B**

**Technical drawing**

