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Baumer
Passion for Sensors

Cable with open-ended wires

CAM8.A3-11230329

Article Number: 11230329

Overview

- M8, female; PUR, 500 cm, shielded, free cable end
- Dragchain capable
- Head A: IP65, IP67
- Cable: good resistance against chemicals, flames, oils
- Halogen free



LISTED
CYJV Cable Assembly
47YV
E315836

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	3
Head A: LED	No
Head A: Width across flats	SW9
Head A: Tightening torque	0.4 Nm
Head A: Knurled nut material	Zinc-pressure die casting, surface Ni
Head A: Body color	Black
Cable	
Cable length	500 cm
Length tolerance	± 7,5 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 mm ± 5%
Wire cross section	0.34 mm²
Electrical data	
Operating voltage	max. 50 V AC / 60 V DC
Operating voltage (only UL listed)	30 V AC/DC
Nominal voltage [conductor]	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. 5000000 Cycles
Torsion speed	max. 35 cycles/min
Torsion stress in °	± 30 °/m
No. of torsion cycles	approx. 2000000 Cycles
Acceleration (C-track)	max. 5 m/s²
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

2021-01-26 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

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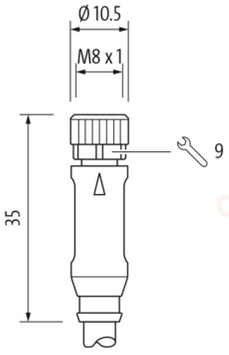
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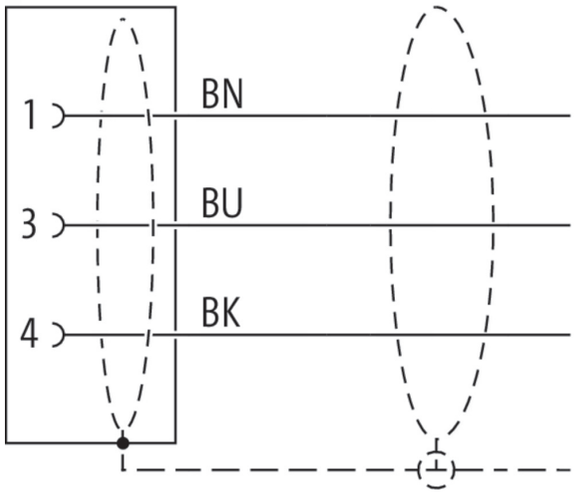
Article Number: 11230329

Side A

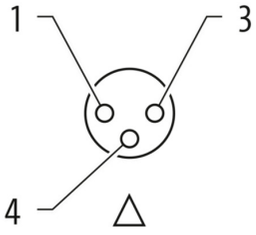
Technical drawing



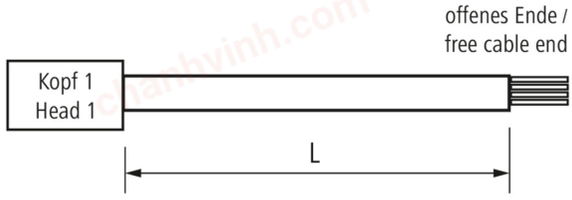
Connection diagram



Coding

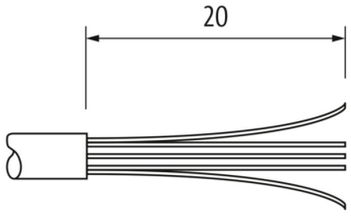


Dimension drawing



Side B

Technical drawing



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