

Technical data

Electrical data

Operating current per contact max. 2 A

Mechanical data

Head A: Degree of protection IP65, IP68, IP69K
 Bending radius (mobile) min. 10 × outer diameter
 Bending radius (fixed) min. 5 × outer diameter
 No. of bending cycles (C-track) approx. 4000000 Cycles
 Torsion speed max. 35 cycles/min
 Torsion stress in ° ± 180 °/m
 No. of torsion cycles approx. 2000000 Cycles
 Acceleration (C-track) max. 10 m/s²
 Travel speed (C-track) max. 3 m/s

Environmental conditions

Temperature range (mobile) - 25 ...+ 105 °C
 Temperature range (fixed) - 40 ...+ 105 °C
 Cable: Temperature range (fixed) - 40 ...+ 105 °C

Environmental conditions

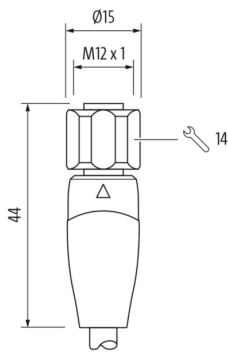
Dragchain capable Yes
 Head A: Chemical resistance Chemical resistance tested according to ECOLAB. If other media are used, the material resistance must be tested according to the application.
 Head A: Flame resistance HB (UL 94)
 Head A: Oil resistance ASTM 1 oil, mineral oils, limited to hydraulic oils
 Head A: Acid and alkali resistant Chemical resistance tested according to ECOLAB. If other media are used, the material resistance must be tested according to the application.
 Head A: Pollution degree 3
 Cable: Acid and alkali resistant Good (analogue FDA 21 178.3620, 178.3297, 177.1520, EU 10/2011)
 Cable: Silicone-free Yes

Commercial data

Eclass 27060311

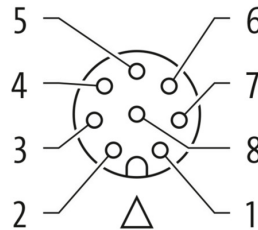
Side A

Technical drawing



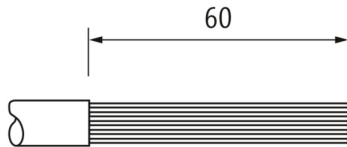
Side A

Coding



Side B

Technical drawing



Connection diagram

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD

Dimension drawing

