

- Female M12
- Male M12
- straight / straight

**General attributes**

Cable jacket color	black
Enclosure Type per IEC 60529	IP67 / IP67
Function indicator (PIN 2)	No / No
Function indicator (PIN 4)	No / No
Power indicator	No / No

**Electrical attributes**

Operating voltage UB max. AC [V]	60.0 V
Operating voltage UB max. DC [V]	60.0 V
Rated current (40°C)	2.0 A
Switching output	No

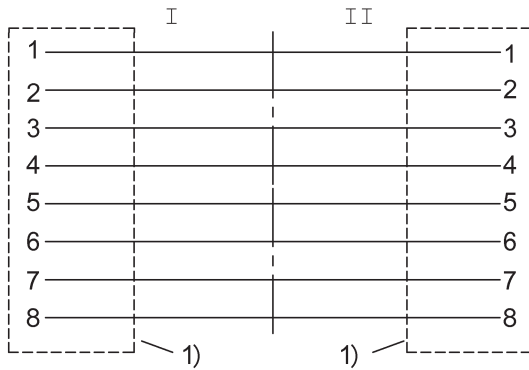
**Mechanical attributes**

Acceleration max. (drag chain)	5 m/s <sup>2</sup>
Ambient temp. max. (fixed)	80 °C
Ambient temp. max. (moving)	80 °C
Ambient temp. max. (drag chain)	60 °C
Ambient temp. min. (fixed)	-25 °C
Ambient temp. min. (moving)	-25 °C
Ambient temp. min. (drag chain)	-25 °C
Bending cycles	> 2 Mio.
Bending radius fixed cable	min. 5 x D
Bending radius tensioned cable	min. 10 x D
Cable diameter D	6.0 +/- 0.15 mm
Cable jacket material	PUR shielded

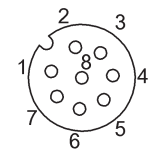
Cable length L [m]	10.00 m
Conductor cross-section	0.25 mm <sup>2</sup>
Connector configuration	straight / straight
Connector type	M12x1 / M12x1
Connector type (Header I)	Female M12
Connector type (Header II)	Male M12
Contact material	CuSn / CuZn
Cover nut material	CuZn, nickel plated
Drag chain compatible	Yes
Grip material	PUR / PUR
Number of conductors	8
Number of female/male pins	8 / 8
Permiss.horizon. traverse dist	at 5 m/sec <sup>2</sup> 5 m
Permiss.vert. traverse dist	at 5 m/sec <sup>2</sup> 2 m
System	molded / molded
Tightening torque pigtail	0.6 Nm / 0.6 Nm
Traverse speed max(drag chain)	at 5 m horiz. travel 200 m/min

**Additional text**

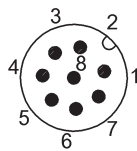
360° Shield on knurled ring  
 Halogen-free per DIN VDE 0472 Part 815  
 Flame resistant per UL FT2  
 Cable structure according to UL-AWM Style 20549  
 Enclosure type accord. to IEC 60529, when threaded together with the appropriate counterpart.



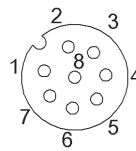
1) Shielded knurl



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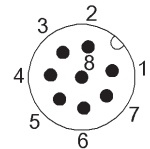


II



I

- PIN 1: white
- PIN 2: brown
- PIN 3: green
- PIN 4: yellow
- PIN 5: gray
- PIN 6: pink
- PIN 7: blue
- PIN 8: red



I

- PIN 1: white
- PIN 2: brown
- PIN 3: green
- PIN 4: yellow
- PIN 5: gray
- PIN 6: pink
- PIN 7: blue
- PIN 8: red