



- Female M12
- Male M12
- straight / straight

General attributes

Cable jacket color: black
 Enclosure Type per IEC 60529: IP67 / IP67

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

Mechanical attributes

Acceleration max. (drag chain): 5 m/s²
 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]: 2.00 m
 Conductor cross-section: 0.25 mm²

Connector configuration

Connector type: straight / straight
 Connector type (Header I): M12x1 / M12x1
 Connector type (Header II): Female M12
 Contact material: Male M12
 Cover nut material: CuSn / CuZn
 Drag chain compatible: CuZn, nickel plated
 Grip material: Yes
 Number of conductors: PUR / PUR
 Number of female/male pins: 8
 Permiss.horizon. traverse dist: 8 / 8
 Permiss.vert. traverse dist: at 5 m/sec² 5 m
 System: at 5 m/sec² 2 m
 Tightening torque pigtail: molded / molded
 Traverse speed max (drag chain): 0.6 Nm / 0.6 Nm
 at 5 m horiz. travel 200 m/min

Additional text

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

