

- Female M12
- 90°angle



General attributes

Additional features	Drag chain compatible
Approvals / Conformity	cULus LISTED
Cable jacket color	black
Enclosure Type per IEC 60529	IP68
Function indicator (PIN 2)	No
Function indicator (PIN 4)	LED yellow
Power indicator	LED green

Electrical attributes

Operating voltage UB max. DC [V]	30.0 V
Rated current (40°C)	4.0 A
Switching function	Complementary (NO/NC)
Switching output	PNP

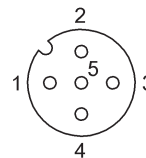
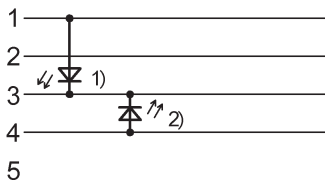
Mechanical attributes

Acceleration max. (drag chain)	5 m/s ²
Ambient temp. max. (fixed)	90 °C (UL 80 °C)
Ambient temp. max. (moving)	90 °C (UL 80 °C)
Ambient temp. max. (drag chain)	60 °C
Ambient temp. min. (fixed)	-50 °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	4.7 +/- 0.20 mm
Cable jacket material	PUR
Cable length L [m]	3.00 m
Conductor cross-section	0.34 mm ²
Connector configuration	90°angle
Connector type	M12x1
Connector type (Header I)	Female M12
Contact material	CuZn
Cover nut material	GD-Zn
Drag chain compatible	Yes
Grip material	PUR
Number of conductors	4
Number of female/male pins	5
Permiss.horizon. traverse dist	at 5 m/sec ² 5 m
Permiss.vert. traverse dist	at 5 m/sec ² 2 m
System	molded
Tightening torque pigtail	0.6 Nm
Traverse speed max(drag chain)	at 5 m horiz. travel 200 m/min

Additional text

Cable structure according to UL-AWM Style 21198
 Flame resistant per IEC 332-2
 Halogen-free per IEC 60754-1
 Enclosure type accord. to IEC 60529, when threaded together with the appropriate counterpart.



PIN 1: brown
 PIN 2: white
 PIN 3: blue
 PIN 4: black

1) LED gn = Power indicator
 2) LED ye = Function indicator