

- Female M8
- straight



**General attributes**

Additional features	Drag chain compatible
Approvals / Conformity	cULus LISTED
Cable jacket color	gray
Enclosure Type per IEC 60529	IP67
Function indicator (PIN 2)	No
Function indicator (PIN 4)	No
Power indicator	No
Trademark	GLOBAL

**Electrical attributes**

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

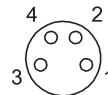
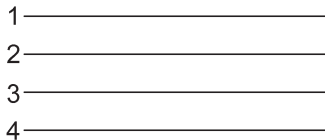
**Mechanical attributes**

Acceleration max. (drag chain)	5 m/s <sup>2</sup>
Ambient temp. max. (fixed)	105 °C (UL 80 °C)
Ambient temp. max. (moving)	105 °C (UL 80 °C)
Ambient temp. max.(drag chain)	60 °C
Ambient temp. min. (fixed)	-40 °C
Ambient temp. min. (moving)	-5 °C
Ambient temp. min.(drag chain)	-5 °C
Bending cycles	> 2 Mio.

Bending radius fixed cable	min. 5 x D
Bending radius tensioned cable	min. 10 x D
Cable diameter D	4.8 +/- 0.15 mm
Cable jacket material	PVC
Cable length L [m]	2.00 m
Conductor cross-section	0.34 mm <sup>2</sup>
Connector configuration	straight
Connector type	M08x1
Connector type (Header I)	Female M8
Contact material	CuSn
Cover nut material	GD-Zn
Drag chain compatible	Yes
Grip material	PUR
Number of conductors	4
Number of female/male pins	4
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
Tightening torque pigtail	0.4 Nm
Traverse speed max(drag chain)	at 5 m horiz. travel 200 m/min

**Additional text**

Cable structure according to UL-AWM Style 2517  
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