

- Female M12
- straight

**General attributes**

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

Electrical attributes

Operating voltage UB max. AC [V]	250.0 V
Operating voltage UB max. DC [V]	250.0 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 ²
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]	5.00 m
Conductor cross-section	0.34 mm ²
Connector configuration	straight
Connector type	M12x1
Connector type (Header I)	Female M12
Contact material	CuSn
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

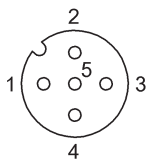
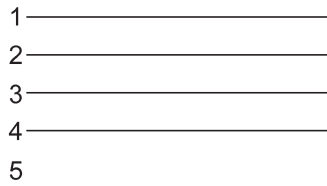
Additional text

Cable structure according to UL-AWM Style 2517

Enclosure type accord. to IEC 60529, when threaded together with the appropriate counterpart.

Connector/cable

BCC M415-0000-1A-003-VX8434-050
Order code: BCC0368



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