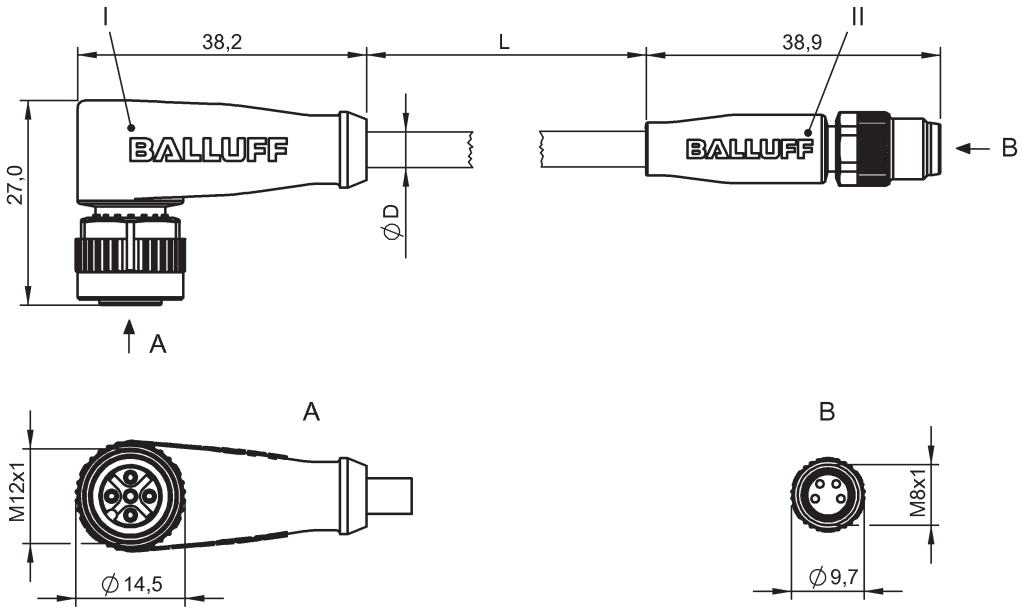
Connector/cable

BCC M425-M314-3F-606-EX44T2-010
Order code: BCC05YA

BALLUFF
sensors worldwide



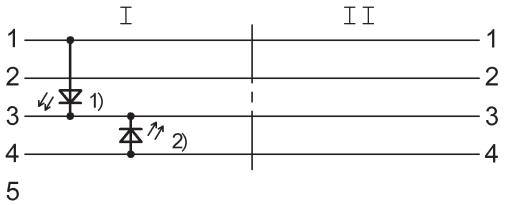
- **Female M12**
- **Male M8**
- **90°angle / straight**

LISTED 4MT5
(CYJV CABLE ASSEMBLY)

General attributes	
Additional features	Drag chain compatible
Approvals / Conformity	cULus LISTED
Cable jacket color	yellow
Enclosure Type per IEC 60529	IP67 / IP67
Function indicator	Yes / No
Function indicator (PIN 2)	No
Function indicator (PIN 4)	LED yellow / No
Power indicator	LED green / No
Electrical attributes	
Operating voltage UB max. DC [V]	30.0 V
Operating voltage UB min. DC [V]	10.0 V
Rated current (40°C)	4.0 A
Switching function	Complementary (NO/NC)
Switching output	PNP
Mechanical attributes	
Ambient temp. max. (fixed)	105 °C
Ambient temp. max. (moving)	105 °C
Ambient temp. min. (fixed)	-50 °C
Ambient temp. min. (moving)	-40 °C
Bending cycles	> 10 Mio.
Bending radius fixed cable	min. 5 x D
Bending radius tensioned cable	min. 10 x D

Cable diameter D	5.3 +/- 0.13 mm
Cable jacket material	TPE
Cable length L [m]	1.00 m
Conductor cross-section	22 AWG
Connector configuration	90°angle / straight
Connector type	M12, A-coded M08x1
Connector type (Header I)	Female M12
Connector type (Header II)	Male M8
Contact material	CuZn / CuZn
Cover nut material	GD-Zn / GD-Zn
Drag chain compatible	Yes
Grip material	TPU / TPE
Number of conductors	4
Number of female/male pins	5 / 4
System	molded / molded
Tightening torque pigtail	0.6 Nm / 0.4 Nm

Additional text
Raw Cable: E54661 RU AWM STYLE 20327 105C 300V 22 AWG/4 LL54185 CSA AWM I/II A/B 105C 300V FT1
Raw cable: E101876 22AWG/4 (UL) PLTC 105C or AWM 20327 105C 300V
Flame-Retardant
Cable Conductors according to UL-20327
Flame-Resistance FT1/VW-1



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

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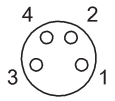
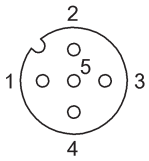


PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black



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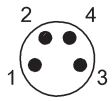

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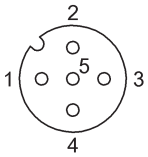

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