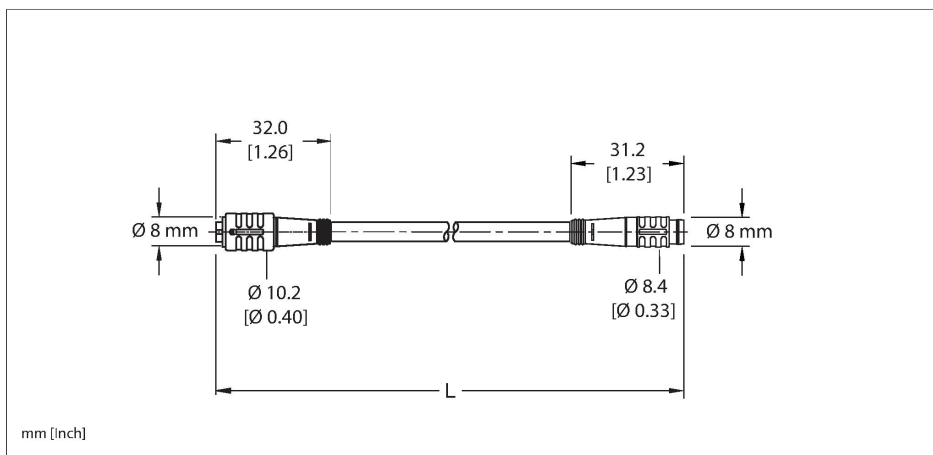


PKG 3Z-7-PSG 3

Actuator and Sensor Cable – Extension Cable



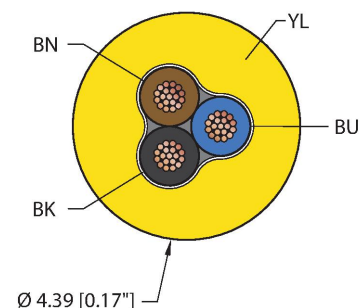
Technische Daten

Type	PKG 3Z-7-PSG 3
ID	U-45388
Connector A	Female, M8 - Ø 8 mm (snap), Straight
Design specification	Acc. to IEC 61076-2-104
Number of contacts	3
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU, Black
Connector body	Plastic, TPU, Yellow
Interlocking sleeve	Plastic, POM, black
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67
	NEMA: 1, 3, 4, 6P
Connector B	Male, M8 - Ø 8 mm (snap), Straight
Design specification	Acc. to IEC 61076-2-104
Number of contacts	3
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU, Black
Connector body	Plastic, TPU, Yellow
Coupling nut	Plastic
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67
	NEMA: 1, 3, 4, 6P

Features

- UL US
- SP US
- CE
- UK CA
- RoHS compliant
- IP67
- DEGREE OF PROTECTION
- Straight Female M8 snap-on picofast Connector
- Straight Male M8 snap-on picofast Connector
- M8, Female, Straight, 3-pin
- Snap-on Connector with Sleeve Lock
- M8, Male, Straight, 3-pin
- Snap-on Connector
- General Purpose Cable
- Yellow PVC jacket, 3X24 AWG
- 40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1
- Flexlife® and C-Track Approved

Cable cross section



Technische Daten

Cable data	
Cable ID	RF50642
Total number of conductors	3
Cable diameter	Ø 4.39 mm
Length (L)	7 m, (+50mm or 4% of length/-0.0, Whichever is greater)
Cable jacket	PVC, Yellow
Conductor diameter	0.044 "
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	3 x 24 AWG [Similar to 0.25 mm²]
Number of strands x O.D.	19 x 36 AWG
Conductor colors	BN, BU, BK
Electrical properties at +20 °C	
Rated voltage	125 VAC/DC
Current	4 A
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 10 x Ø
UL cold bend rating	-40 °C
Flex rating 20 x Ø	10 million cycles
	*When properly installed @ 20°C, 50%RH, and a cycle speed of ≤0.5 cycles per second.
C-Track	Yes
Ambient temperature range (static)	-40...+105 °C
Ambient temperature range (dynamic)	5...+105 °C
Temperature range (installation)	-10...+105 °C
Approval	
Approvals	UL 2238 CSA C22.2 No. 182.3 CE UKCA RoHS
Note	
	- Flex ratings may be reduced if used in extreme temperatures, exposure to certain chemicals, operating above the rated cycle speed, or operating below the rated cable bend radius.

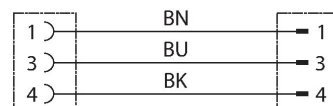
Contact assignment

Connector A

Connector B



Circuit Diagram



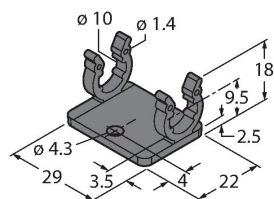
Technische Daten

- We reserve the right to make technical alterations without prior notice.

Montagezubehör

M8-CORDSETS-MOUNTING-CLIP-(10/BAG)

200005995



10 Pack of black mounting clips and M4x8mm mounting screws, used to secure cable to cable connection points.