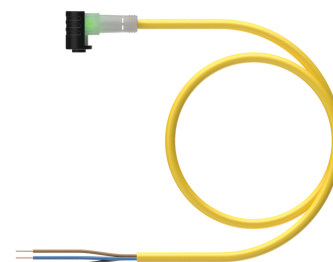
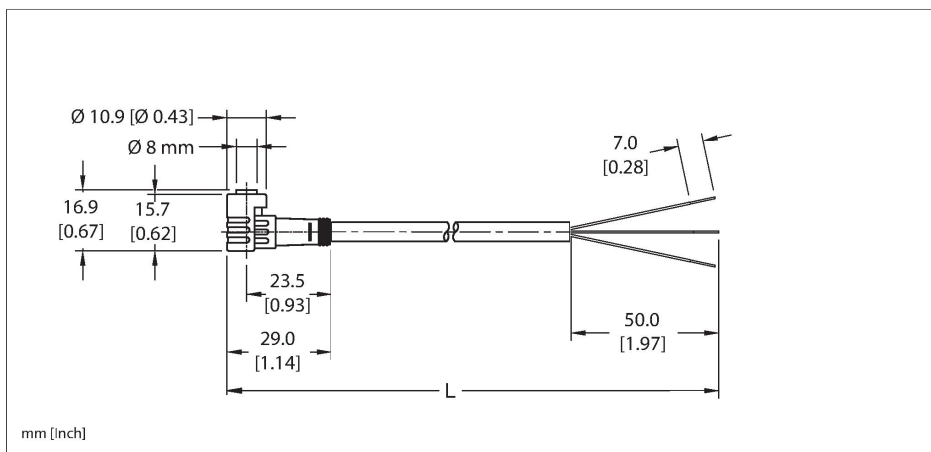


PKW 3Z-P7X2-2/S1587

Actuator and Sensor Cable – Connection Cable



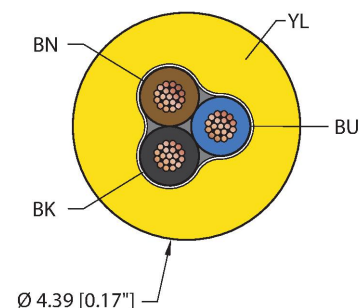
Technische Daten

Type	PKW 3Z-P7X2-2/S1587
ID	100036798
Special version	S1587 = Weldlife cable
Switching function	PNP
Connector A	Female, M8 - Ø 8 mm (snap), Right angle
Design specification	Acc. to IEC 61076-2-104
Number of contacts	3
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU, Yellow
Connector body	Plastic, TPU, Translucent
Interlocking sleeve	Plastic, POM, black
Power Indicator	LED, Green
Signal Indicator	LED, Yellow
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67
	NEMA: 1, 3, 4, 6P
Cable data	
Cable ID	RF51271
Total number of conductors	3
Cable diameter	Ø 4.39 mm
Length (L)	2 m, (+50mm or 4% of length/-0.0, Whichever is greater)
Cable jacket	TPE, Yellow
Conductor diameter	0.044 "

Features

- M8, Female, Right-angle, 3-pin
- Snap-on Connector with Sleeve Lock
- With 2-color LED (PNP, yellow, green)
- Weldlife™, Yellow TPE jacket, 3X24 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4
- Flexlife® and C-Track Approved

Cable cross section



Contact assignment

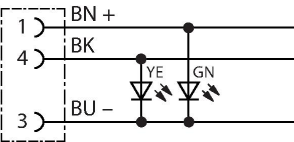
Technische Daten

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	10...30 VDC
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.	
- We reserve the right to make technical alterations without prior notice.	

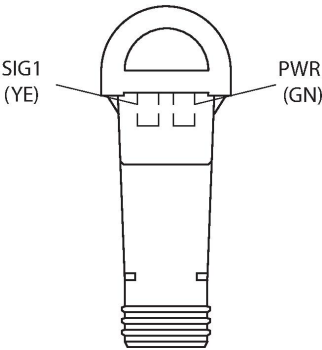
Connector A



Circuit Diagram



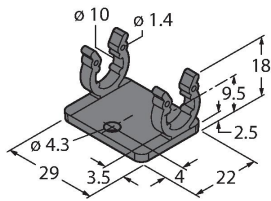
LED configuration



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.