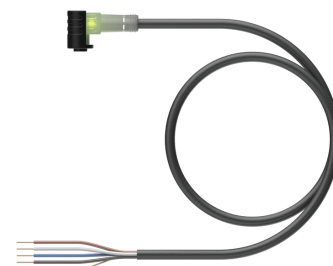
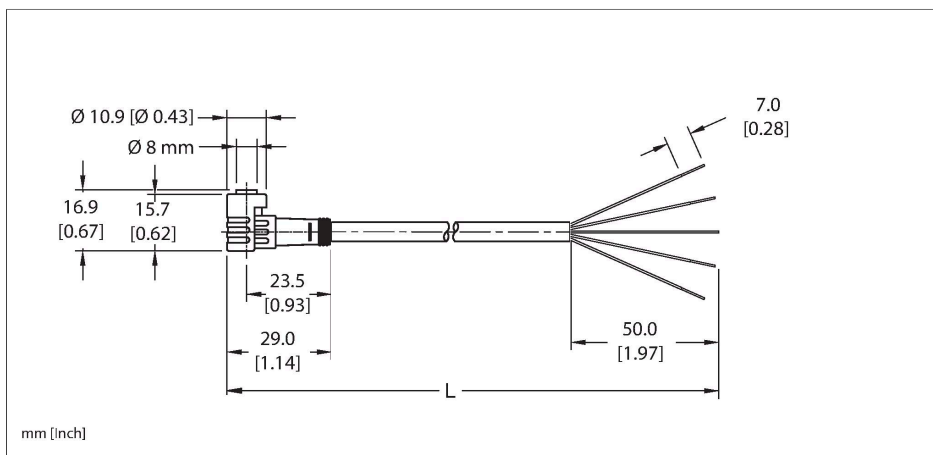


PKW 4Z-P7X2-1/S90/S618

Actuator and Sensor Cable – Connection Cable



Technische Daten

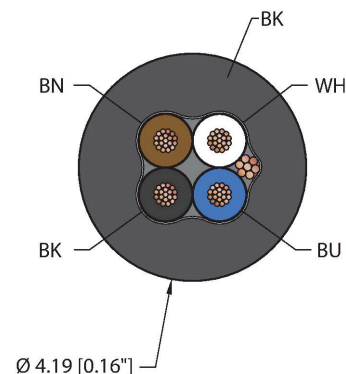
Type	PKW 4Z-P7X2-1/S90/S618
ID	100036797
Special version	S90 = TPU cable jacket S618 = Cable with foil shield and drain. Drain not connected.
Switching function	PNP
Connector A	Female, M8 - Ø 8 mm (snap), Right angle
Design specification	Acc. to IEC 61076-2-104
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU, Black
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	RF50602
Total number of conductors	4
Cable diameter	Ø 4.19 mm
Length (L)	1 m, (+50mm or 4% of length/-0.0, Whichever is greater)

Features



- M8, Female, Right-angle, 4-pin
- Snap-on Connector with Sleeve Lock
- With 2-color LED (PNP, yellow, green)
- General Purpose Cable
- Black TPU jacket, shielded, 4X26 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1

Cable cross section



Contact assignment

Technische Daten

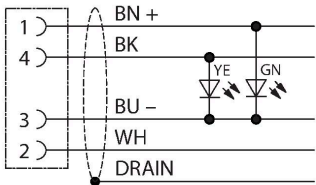
Cable jacket	TPU, Black
Shielding	Aluminum/polyester (IN), 26 AWG, TC (Tinned Copper)
Conductor diameter	0.039 "
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	4 x 26 AWG [Similar to 0.14 mm²]
Number of strands x O.D.	19 x 38 AWG
Conductor colors	BN, WH, BU, BK
Electrical properties at +20 °C	
Rated voltage	10...30 VDC
Current	2 A
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 15 x Ø
UL cold bend rating	-40 °C
Ambient temperature range (static)	-40...+90 °C
Ambient temperature range (dynamic)	5...+90 °C
Temperature range (installation)	-10...+90 °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.	

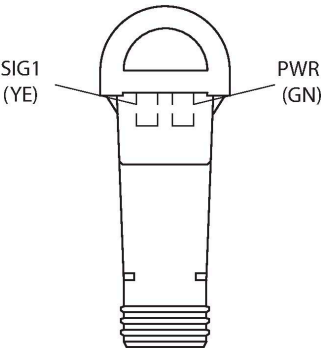
Connector A



Circuit Diagram

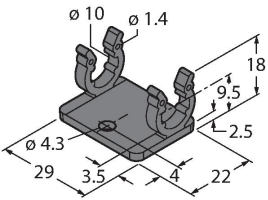


LED configuration



Montagezubehör

M8-CORDESETS-MOUNTING-CLIP-(10/BAG) 200005995



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