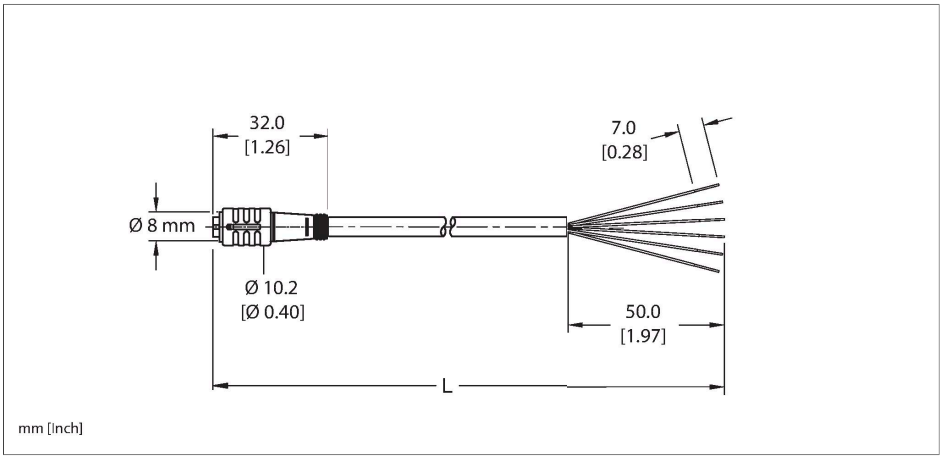
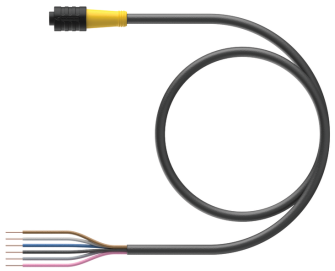
PKG 6Z-2/S90
Actuator and Sensor Cable – Connection Cable





Technische Daten

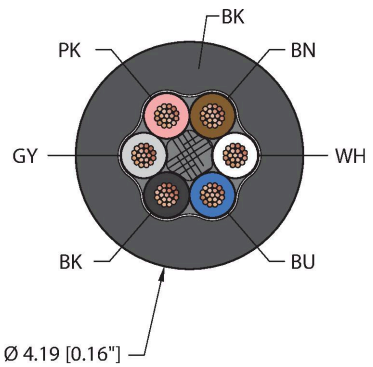
Type	PKG 6Z-2/S90
ID	U0892-85
Connector A	Female, M8 - Ø 8 mm (snap), Straight
Design specification	Acc. to IEC 61076-2-104
Number of contacts	6
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU, Black
Connector body	Plastic, TPU, Yellow
Interlocking sleeve	Plastic, POM, black
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67
	NEMA: 1, 3, 4, 6P
Cable data	
Cable ID	RF50735
Total number of conductors	6
Cable diameter	Ø 4.19 mm
Length (L)	2 m, (+50mm or 4% of length/-0.0, Whichever is greater)
Cable jacket	TPU, Black
Conductor diameter	0.033 "
Conductor material	TC (tinned copper)
Conductor insulation material	SR-PVC
Conductor size	6 x 26 AWG [Similar to 0.14 mm²]
Number of strands x O.D.	19 x 38 AWG

Features

IP67 DEGREE OF PROTECTION

- M8, Female, Straight, 6-pin
- Snap-on Connector with Sleeve Lock
- General Purpose Cable
- TPU jacket, Black, 6X26 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1

Cable cross section



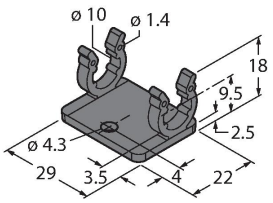
Contact assignment

Technische Daten

Conductor colors	BN, WH, BU, BK, GY, PK
Electrical properties at +20 °C	
Rated voltage	125 VAC/DC
Current	2 A
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 10 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.

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.

Connector A

Circuit Diagram