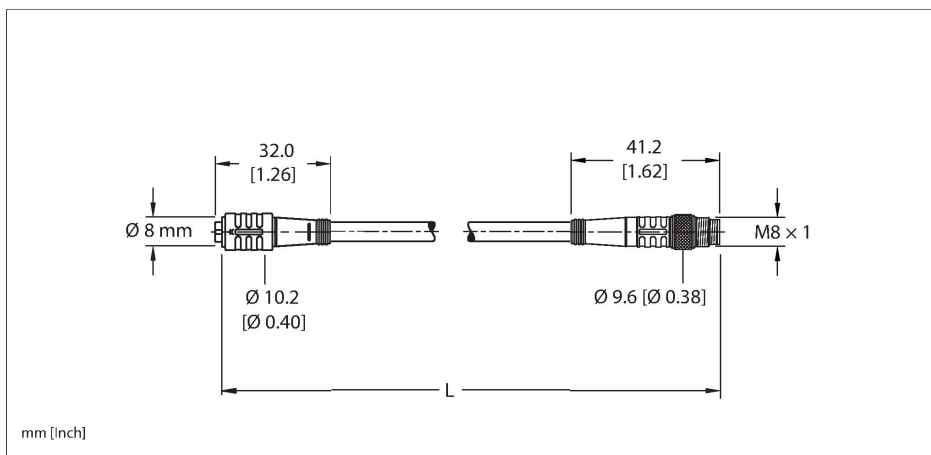


PKG 6Z-x-PSG 6M

Actuator and Sensor Cordset – Extension Cable

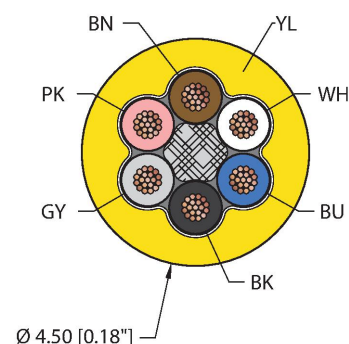


Features



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

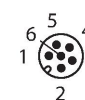
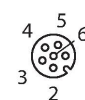
Cable cross section



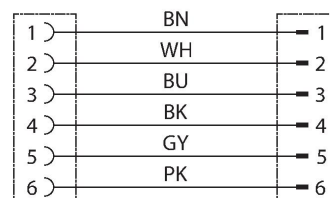
Contact assignment

Connector A

Connector B



Circuit Diagram



Technical data

Type	PKG 6Z-x-PSG 6M
ID no.	777017672
Connector A	Female, Ø 8 mm, Straight
Design specification	Acc. to IEC 61076-2-104
Number of Pins	6
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU, Black
Connector body	Plastic, TPU, Yellow
Interlocking sleeve	plastic, POM, black
Connector seal	O-ring, Plastic, FKM/FPM
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67
Connector B	Male, M8 × 1, Straight
Design specification	Acc. to IEC 61076-2-104
Number of contacts	6
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Kunststoff, Nylon or TPU, Black
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque	0.4 ... 0.8 Nm (note max. torque of mating connector!)
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67

Technical data

NEMA: 1, 3, 4, 6P

Cable data	
Cable ID	RF50734
Total number of conductors	6
Cable diameter	Ø 4.5 mm
Cable jacket	PVC, Yellow
Conductor diameter	0.033 "
Conductor material	TC (tinned copper)
Conductor insulation material	SR-PVC
Conductor size	6 x 26 AWG [Similar to 0.14 mm ²]
Number of strands x O.D.	19 x 38 AWG
Conductor colors	BN, WH, BU, BK, GN, 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
Cold bend rating	-40 °C
Ambient temperature range (static)	-40 °C...+105 °C
Ambient temperature range (dynamic)	-40 °C...+105 °C
Temperature range (installation)	-20 °C...+105 °C
Approval	
Approvals	UL Listed CSA CE 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.	