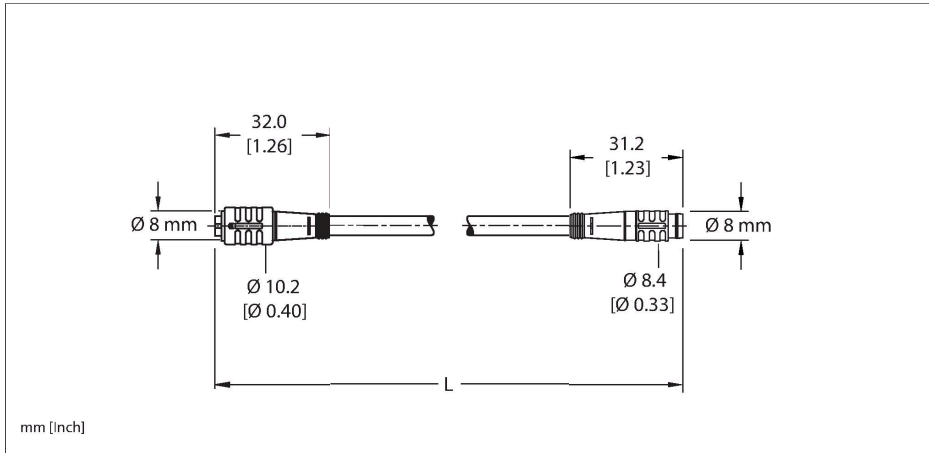


# PKG 3Z-x-PSG 3/S760/S771

## Actuator and Sensor Cordset – Extension Cable



### Technical data

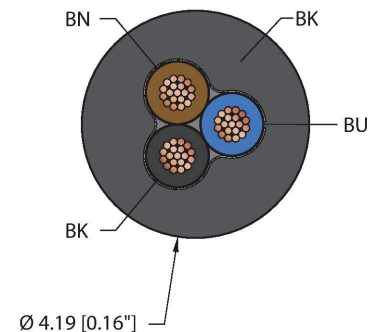
Type	PKG 3Z-x-PSG 3/S760/S771
ID	777002959
Special version	S760 = Black cable jacket S771 = Black mold body
Connector A	Female, M8 - Ø 8 mm (snap), Straight
Design specification	Acc. to IEC 61076-2-104
Number of contacts	3
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU, Black
Connector body	Plastic, TPU, Black
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, Black
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67
	NEMA: 1, 3, 4, 6P

### Features



- M8, Female, Straight, 3-pin
- Snap-on Connector with Sleeve Lock
- M8, Male, Straight, 3-pin
- Snap-on Connector
- General Purpose Cable
- Black PVC jacket, 3X24 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1

### Cable cross section



### Contact assignment

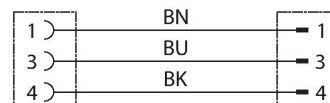
## Technical data

Connector A

Connector B



## Circuit Diagram



Cable data	
Cable ID	RF50585
Total number of conductors	3
Cable diameter	Ø 4.19 mm
Cable jacket	PVC, Black
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 °C...+105 °C
Ambient temperature range (dynamic)	5 °C...+105 °C
Temperature range (installation)	-10 °C...+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.