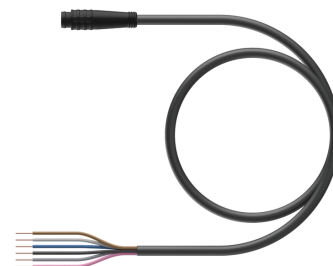
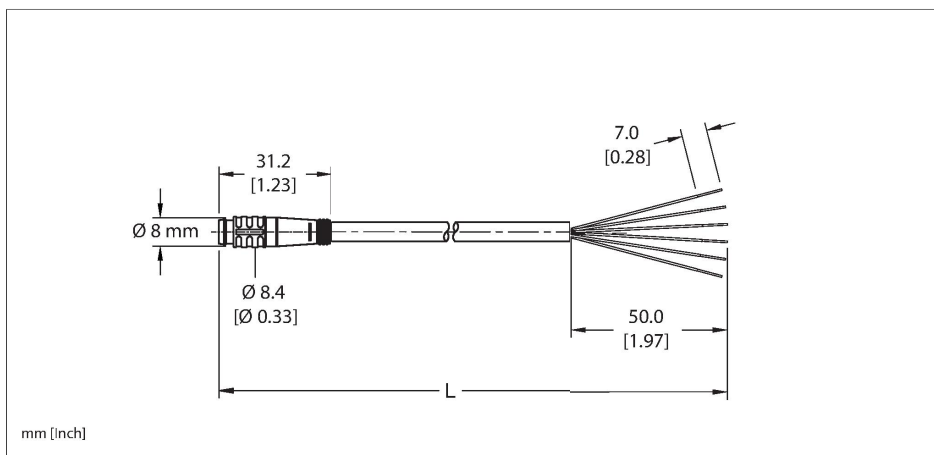


# PSG 6-2/S760/S771

## Actuator and Sensor Cable – Connection Cable



### Technische Daten

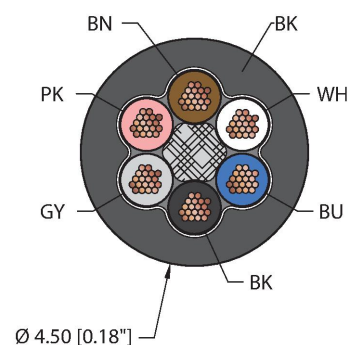
|                                 |                                                         |
|---------------------------------|---------------------------------------------------------|
| Type                            | PSG 6-2/S760/S771                                       |
| ID                              | 100034950                                               |
| Connector A                     | Male, 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, Black                                     |
| Mechanical life                 | > 100 Mating cycles                                     |
| Pollution degree                | 3                                                       |
| Protection class (When coupled) | IP67                                                    |
|                                 | NEMA: 1, 3, 4, 6P                                       |
| Cable data                      |                                                         |
| Cable ID                        | RF51083                                                 |
| Total number of conductors      | 6                                                       |
| Cable diameter                  | Ø 4.5 mm                                                |
| Length (L)                      | 2 m, (+50mm or 4% of length/-0.0, Whichever is greater) |
| Cable jacket                    | PVC, 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                                             |
| Conductor colors                | BN, WH, BU, BK, GY, PK                                  |

### Features



- M8, Male, Straight, 6-pin
- Snap-on Connector
- General Purpose Cable
- Black PVC jacket, 6X26 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1

### Cable cross section



### Contact assignment

Technische Daten

| 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...+105 °C                                        |
| Ambient temperature range (dynamic) | 5...+105 °C                                          |
| Temperature range (installation)    | -10...+105 °C                                        |
| Approval                            |                                                      |
| Approvals                           | UL 2238<br>CSA C22.2 No. 182.3<br>CE<br>UKCA<br>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

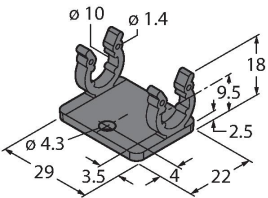


Circuit Diagram



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.