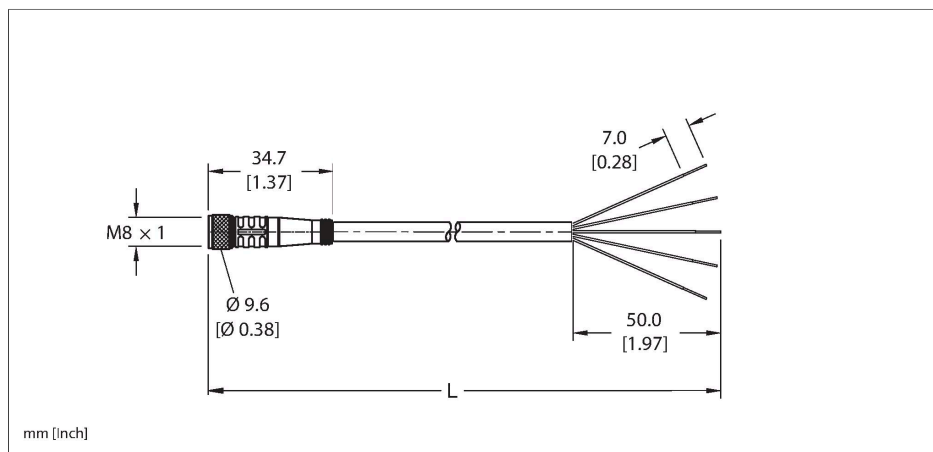


# PKG 5M-6

## Actuator and Sensor Cable – Connection Cable

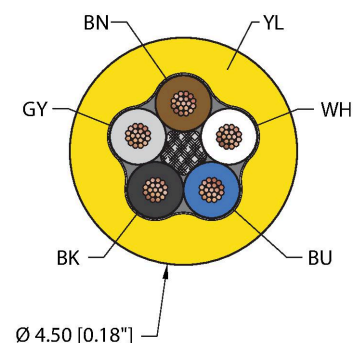


### Features



- M8, Female, Straight, 5-pin
- Threaded connector
- General Purpose Cable
- Yellow PVC jacket, 5X24 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1

### Cable cross section



### Contact assignment

Connector A



### Technische Daten

|                                 |                                                           |
|---------------------------------|-----------------------------------------------------------|
| Type                            | PKG 5M-6                                                  |
| ID                              | UX04196                                                   |
| Connector A                     | Female, M8 x 1, Straight                                  |
| Design specification            | Acc. to IEC 61076-2-104                                   |
| Number of contacts              | 5                                                         |
| Contacts                        | Brass, CuZn, Gold-plated                                  |
| Contact carriers                | Plastic, Nylon or TPU, Black                              |
| Connector body                  | Plastic, TPU, Yellow                                      |
| Coupling nut                    | Brass, CuZn, Nickel-plated                                |
| Connector seal                  | O-ring, Plastic, FKM/FPM                                  |
| Tightening torque (range)       | 0.4 ... 0.8 Nm<br>(note max. torque of mating connector!) |
| Mechanical life                 | > 100 Mating cycles                                       |
| Pollution degree                | 3                                                         |
| Protection class (When coupled) | IP67                                                      |
|                                 | NEMA: 1, 3, 4, 6P                                         |
| <b>Cable data</b>               |                                                           |
| Cable ID                        | RF51823                                                   |
| Total number of conductors      | 5                                                         |
| Cable diameter                  | Ø 4.5 mm                                                  |
| Length (L)                      | 6 m, (+50mm or 4% of length/-0.0, Whichever is greater)   |
| Cable jacket                    | PVC, Yellow                                               |
| Conductor diameter              | 0.038 "                                                   |
| Conductor material              | TC (tinned copper)                                        |

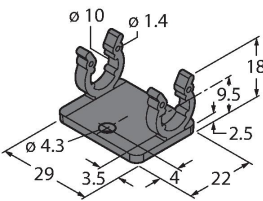
Technische Daten

|                                                                                                                                                                                      |                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| Conductor insulation material                                                                                                                                                        | SR-PVC                                               |
| Conductor size                                                                                                                                                                       | 5 x 24 AWG [Similar to 0.25 mm²]                     |
| Number of strands x O.D.                                                                                                                                                             | 19 x 36 AWG                                          |
| Conductor colors                                                                                                                                                                     | BN, WH, BU, BK, GY                                   |
| Electrical properties at +20 °C                                                                                                                                                      |                                                      |
| Rated voltage                                                                                                                                                                        | 30 VAC/DC                                            |
| Current                                                                                                                                                                              | 3 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)                                                                                                                                                  | -40...+105 °C                                        |
| Temperature range (installation)                                                                                                                                                     | -20...+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.                                                                                                           |                                                      |

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.