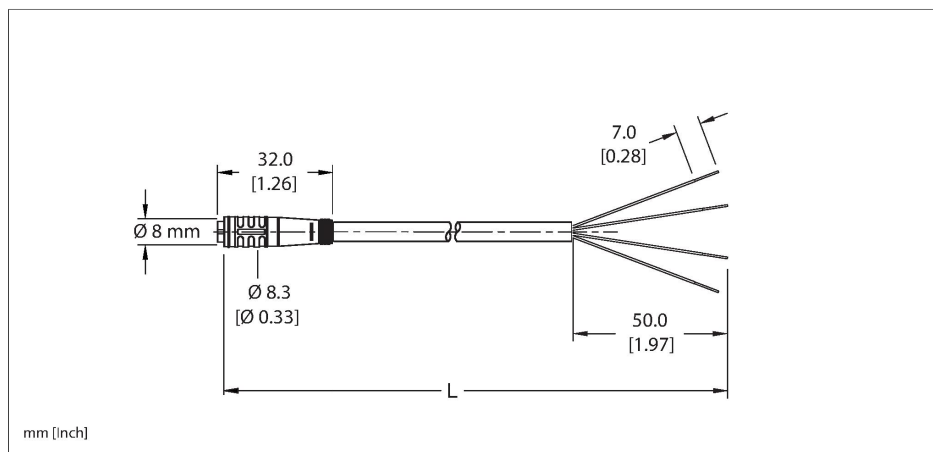


# PKG 4-2

## Actuator and Sensor Cable – Connection Cable

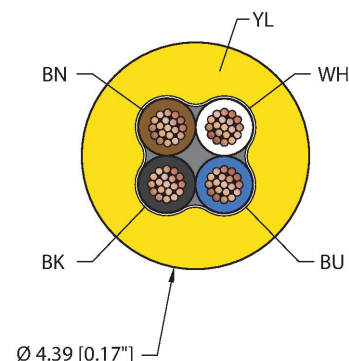


### Features



- M8, Female, Straight, 4-pin
- Snap-on Connector
- General Purpose Cable
- Yellow PVC jacket, 4X26 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1
- Flexlife® and C-Track Approved

### Cable cross section

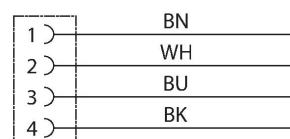


### Contact assignment

Connector A



### Circuit Diagram



### Technische Daten

|                                 |                                                         |
|---------------------------------|---------------------------------------------------------|
| Type                            | PKG 4-2                                                 |
| ID                              | U2503-15                                                |
| Connector A                     | Female, M8 - Ø 8 mm (snap), Straight                    |
| Design specification            | Acc. to IEC 61076-2-104                                 |
| Number of contacts              | 4                                                       |
| Contacts                        | Brass, CuZn, Gold-plated                                |
| Contact carriers                | Plastic, Nylon or TPU, Black                            |
| Connector body                  | Plastic, TPU, Yellow                                    |
| Mechanical life                 | > 100 Mating cycles                                     |
| Pollution degree                | 3                                                       |
| Protection class (When coupled) | IP67                                                    |
| <b>Cable data</b>               |                                                         |
| Cable ID                        | RF50697                                                 |
| Total number of conductors      | 4                                                       |
| Cable diameter                  | Ø 4.39 mm                                               |
| Length (L)                      | 2 m, (+50mm or 4% of length/-0.0, Whichever is greater) |
| Cable jacket                    | PVC, Yellow                                             |
| Conductor diameter              | 0.039 "                                                 |
| Conductor material              | TC (tinned copper)                                      |
| Conductor insulation material   | PVC                                                     |
| Conductor size                  | 4 x 26 AWG [Similar to 0.14 mm²]                        |
| Number of strands x O.D.        | 19 x 38 AWG                                             |
| Conductor colors                | BN, WH, BU, BK                                          |

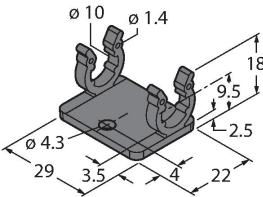
Technische Daten

| 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                                             |
| Torsion rating                                                                                                                                                                       | Max. 20 million                                      |
| UL cold bend rating                                                                                                                                                                  | -40 °C                                               |
| Flex rating 10 x Ø                                                                                                                                                                   | 20 million cycles                                    |
|                                                                                                                                                                                      | *When correctly installed at 20 °C, 50 % RH.         |
| C-Track                                                                                                                                                                              | Yes                                                  |
| 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.                                                                                                           |                                                      |

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.