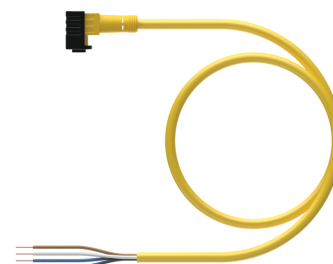
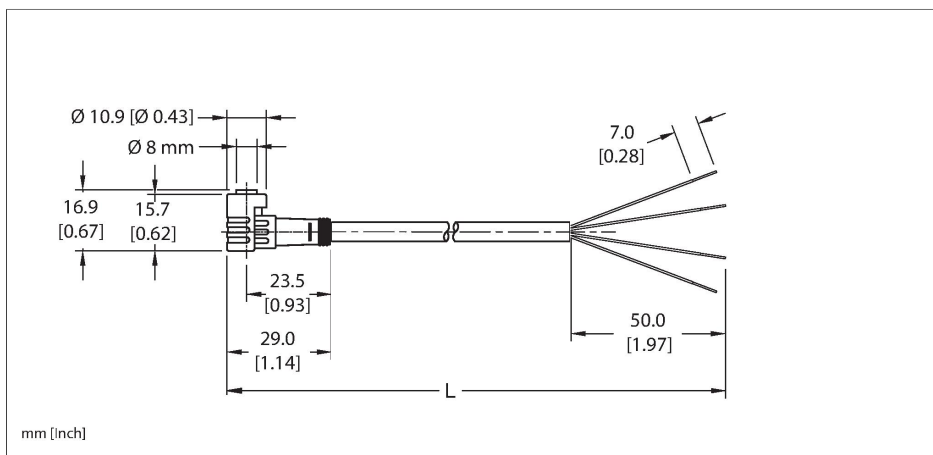


# PKW 4Z-6

## Actuator and Sensor Cable – Connection Cable



### Technische Daten

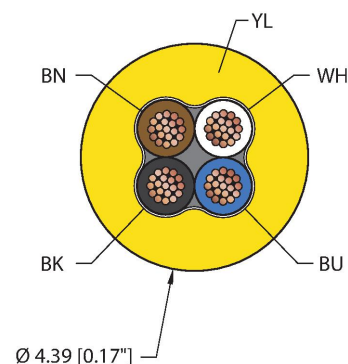
|                                 |                                                         |
|---------------------------------|---------------------------------------------------------|
| Type                            | PKW 4Z-6                                                |
| ID                              | U2520-15                                                |
| Connector A                     | Female, M8 - Ø 8 mm (snap), Right angle                 |
| 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                                    |
| Interlocking sleeve             | Plastic, POM, black                                     |
| Mechanical life                 | > 100 Mating cycles                                     |
| Pollution degree                | 3                                                       |
| Protection class (When coupled) | IP67                                                    |
|                                 | NEMA: 1, 3, 4, 6P                                       |
| Cable data                      |                                                         |
| Cable ID                        | RF50697                                                 |
| Total number of conductors      | 4                                                       |
| Cable diameter                  | Ø 4.39 mm                                               |
| Length (L)                      | 6 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                                             |

### Features



- M8, Female, Right-angle, 4-pin
- Snap-on Connector with Sleeve Lock
- 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

Technische Daten

|                                     |                                                      |
|-------------------------------------|------------------------------------------------------|
| Conductor colors                    | BN, WH, BU, BK                                       |
| 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.                                                                                                           |

Connector A

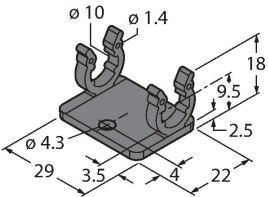


Circuit Diagram



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.