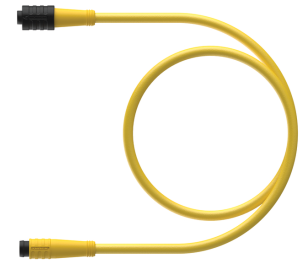
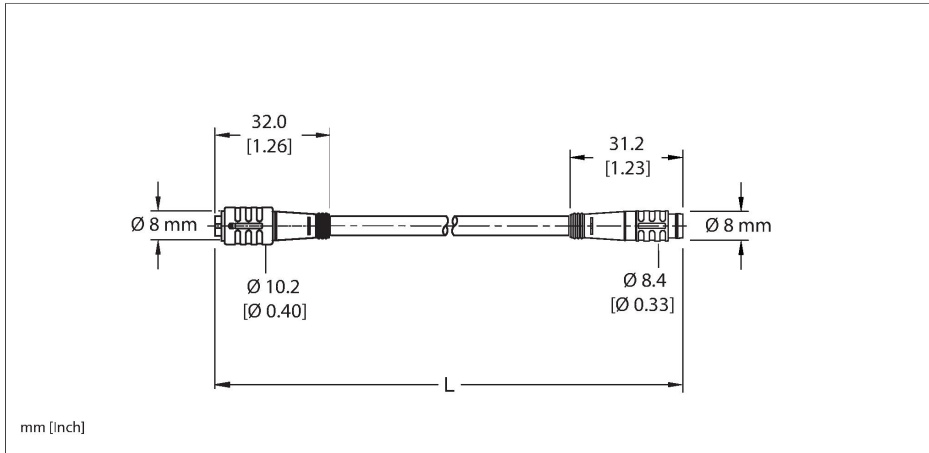


# PKG 3Z-5.5-PSG 3

## Actuator and Sensor Cable – Extension Cable



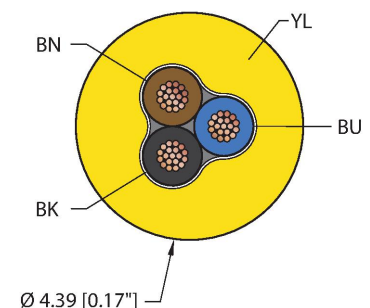
### Technische Daten

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Type                            | PKG 3Z-5.5-PSG 3                     |
| ID                              | U-04832                              |
| 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, Yellow                 |
| 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, Yellow                 |
| Coupling nut                    | Plastic                              |
| Mechanical life                 | > 100 Mating cycles                  |
| Pollution degree                | 3                                    |
| Protection class (When coupled) | IP67                                 |
|                                 | NEMA: 1, 3, 4, 6P                    |

### Features

- UL US
- SP US
- CE
- UK CA
- RoHS compliant
- IP67
- DEGREE OF PROTECTION
- Straight Female M8 snap-on picofast Connector
- Straight Male M8 snap-on picofast Connector
- M8, Female, Straight, 3-pin
- Snap-on Connector with Sleeve Lock
- M8, Male, Straight, 3-pin
- Snap-on Connector
- General Purpose Cable
- Yellow PVC jacket, 3X24 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1
- Flexlife® and C-Track Approved

### Cable cross section



## Technische Daten

| Cable data                          |                                                                                                                                                                                      |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cable ID                            | RF50642                                                                                                                                                                              |
| Total number of conductors          | 3                                                                                                                                                                                    |
| Cable diameter                      | Ø 4.39 mm                                                                                                                                                                            |
| Length (L)                          | 5.5 m, (+50mm or 4% of length/-0.0, Whichever is greater)                                                                                                                            |
| Cable jacket                        | PVC, Yellow                                                                                                                                                                          |
| 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...+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. |

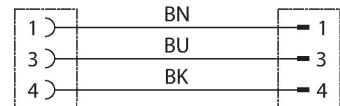
## Contact assignment

Connector A

Connector B



## Circuit Diagram



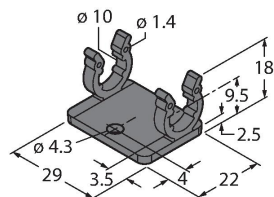
## Technische Daten

- 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.