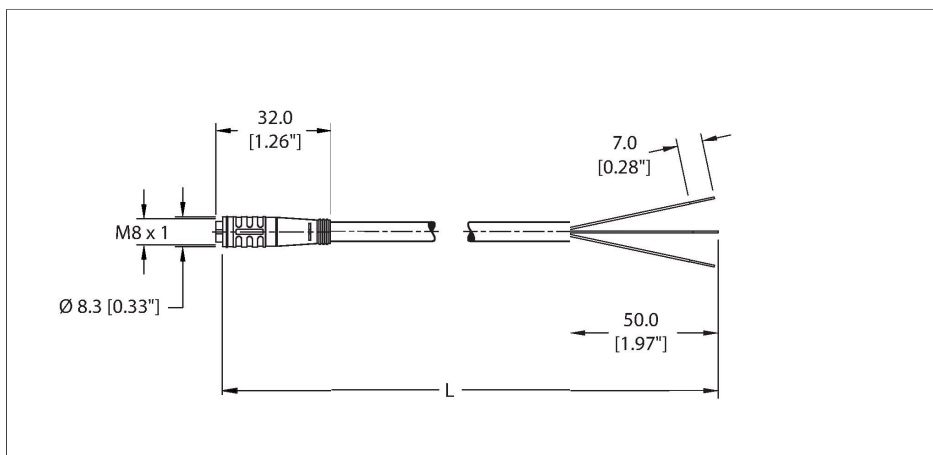


PKG 3-2

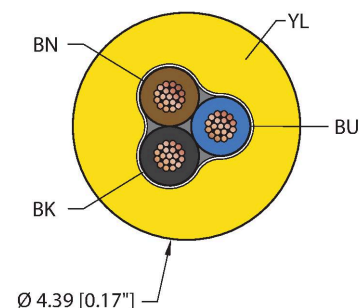
Actuator and Sensor Cable – Connection Cable



Features

- UL C E RoHS compliant IP67
- M8, Female, Straight, 3-pin
- Snap-on Connector
- General Purpose Cable
- Yellow PVC jacket, 3X24 AWG
- 40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1
- Cable length: 2 m

Cable cross section



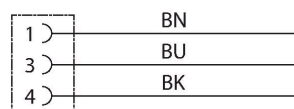
Contact assignment

Connector A



Cable cross-section view

Circuit Diagram



Technical data

| | |
|---------------------------------|--|
| Type | PKG 3-2 |
| ID no. | U2517-02 |
| Connector A | Female, M8 Snap-on, Straight |
| Design specification | Acc. to IEC 61076-2-104 |
| Number of Pins | 3 |
| Contacts | Brass, CuZn, Gold-plated |
| Contact carriers | Plastic, TPU, Black |
| Connector body | Plastic, TPU, Yellow |
| Connector seal | O-ring, Plastic, FKM/FPM |
| Mechanical life | > 100 Mating cycles |
| Pollution degree | 3 |
| Protection class (When coupled) | IP67 |
| | NEMA: 1, 3, 4, 6P |
| Cable data | |
| Cable ID | RF50642 |
| Total number of conductors | 3 |
| Cable diameter | Ø 4.39 mm |
| Cable length (L) | 2 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 |

Technical data

| | |
|---|--------------------------------|
| 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 |
| Cold bend rating | -40 °C |
| Ambient temperature range (static) | -40 °C...+105 °C |
| Ambient temperature range (dynamic) | -40 °C...+105 °C |
| Temperature range (installation) | -20 °C...+105 °C |
| Approval | |
| Approvals | UL Listed CSA CE RoHS |
| Note | |
| <p>- 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.</p> | |
| <p>- We reserve the right to make technical alterations without prior notice.</p> | |