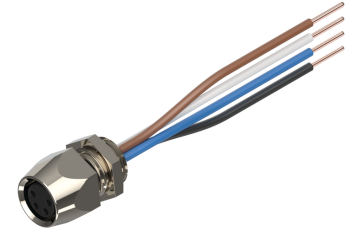
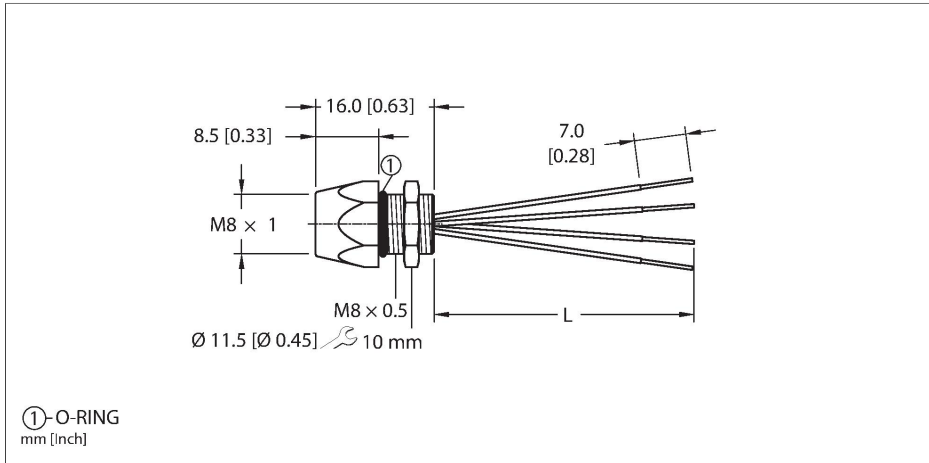


# MFKS 4-x

## Actuator and Sensor Receptacle – Front Mount



### Technische Daten

|                                 |                                                           |
|---------------------------------|-----------------------------------------------------------|
| Type                            | MFKS 4-x                                                  |
| ID                              | 777009658                                                 |
| Connector A                     | Female, M8 x 1                                            |
| 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 seal                  | O-ring, Plastic, FKM/FPM                                  |
| Housing material/finish         | Brass, CuZn, Nickel-plated                                |
| Tightening torque (range)       | 0.4 ... 0.8 Nm<br>(note max. torque of mating connector!) |
| Mounting orientation            | Front mount                                               |
| Panel seal                      | O-ring, Plastic, NBR                                      |
| Mounting thread                 | M8 x 0.5                                                  |
| Locknut                         | Brass, CuZn, Nickel-plated                                |
| Receptacle mounting torque      | 1.4...5.4 Nm                                              |
| Mechanical life                 | > 100 Mating cycles                                       |
| Pollution degree                | 3                                                         |
| Protection class (When coupled) | IP67                                                      |
|                                 | NEMA: 1, 3, 4, 6P                                         |
| Design specification            | Acc. to IEC 61076-2-104                                   |
| Total number of conductors      | 4                                                         |
| Conductor material              | TC (tinned copper)                                        |
| Conductor insulation material   | PVC                                                       |

### Features



- M8, Female, 4-pin
- Mounting thread: M8 x 0.5

### Contact assignment

Connector A



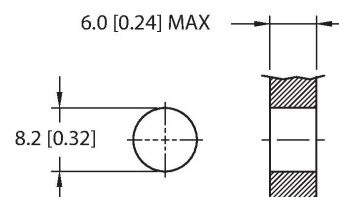
### Circuit Diagram



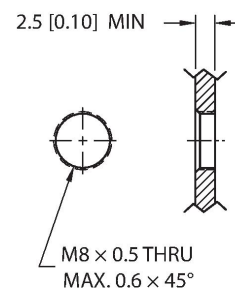
## Technische Daten

|                                                                            |                                                      |
|----------------------------------------------------------------------------|------------------------------------------------------|
| Conductor size                                                             | 4 x 24 AWG [Similar to 0.25 mm <sup>2</sup> ]        |
| Conductor colors                                                           | BN, WH, BU, BK                                       |
| Electrical properties at +20 °C                                            |                                                      |
| Rated voltage                                                              | 125 VAC/DC                                           |
| Current                                                                    | 4 A                                                  |
| Mechanical and chemical properties                                         |                                                      |
| Ambient temperature range (static)                                         | -40...+105 °C                                        |
| Approvals                                                                  | UL 2238<br>CSA C22.2 No. 182.3<br>CE<br>UKCA<br>RoHS |
| Note                                                                       |                                                      |
| - We reserve the right to make technical alterations without prior notice. |                                                      |

### Mounting hole - Through



### Mounting hole - Threaded



### Front panel mounting

