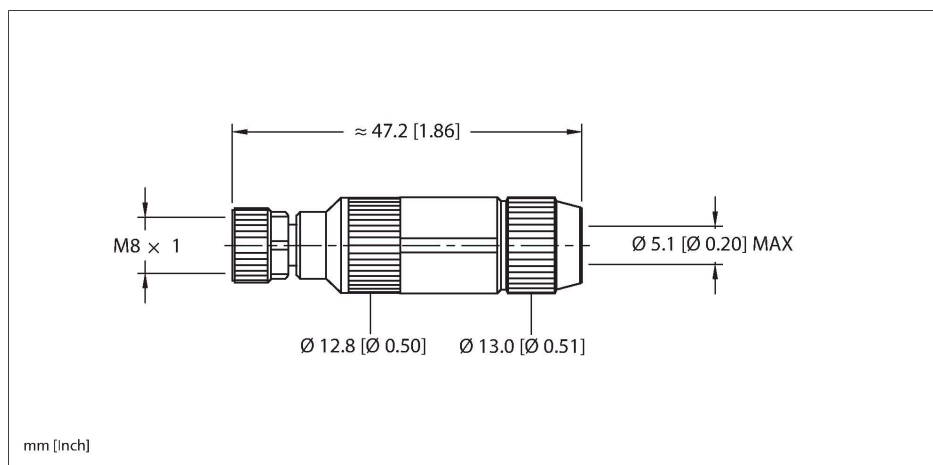


# B 5136-0

## Actuator and Sensor Field Wireable – M8 × 1 Female Connector, Straight



### Technische Daten

|                                      |                                                           |
|--------------------------------------|-----------------------------------------------------------|
| Type                                 | B 5136-0                                                  |
| ID                                   | U6578-1                                                   |
| Housing                              | Die-cast zinc, Za, Chrome-plated                          |
| Connector A                          | Female, M8 × 1, Straight                                  |
| Design specification                 | Acc. to IEC 61076-2-104                                   |
| Number of contacts                   | 3                                                         |
| Contacts                             | Brass, CuZn, Gold-plated                                  |
| Contact carriers                     | Plastic, PA, Black                                        |
| Connector body                       | Die-cast Zinc, PA, Black                                  |
| Coupling nut                         | Die-cast Zinc, CuZn, Nickel-plated                        |
| Connector seal                       | O-ring, Plastic, FKM/FPM                                  |
| Tightening torque                    | 4 Nm                                                      |
| Tightening torque (range)            | 0.4 ... 0.8 Nm<br>(note max. torque of mating connector!) |
| Acceptable cable diameter            | 2.5...5.1 mm                                              |
| Core cross-section/Clamping ability  | 0.14...0.34 mm <sup>2</sup>                               |
| Core cross-section/terminal capacity | 26...22 AWG                                               |
| Connection mode                      | Insulation displacement terminal                          |
| Mechanical life                      | > 100 Mating cycles                                       |
| Pollution degree                     | 3                                                         |
| Protection class (When coupled)      | IP67                                                      |
| Electrical properties at +20 °C      |                                                           |
| Rated voltage                        | 32 V                                                      |

### Features



- M8 female connector, straight, 3-pin
- Metal coupling nut
- Cable feedthrough 4.0...5.1 mm
- Penetration technology
- Protection class IP67
- 3 Pins
- Insulation displacement Wire Termination
- Plastic Housing

### Contact assignment



## Technische Daten

|                                                                            |                      |
|----------------------------------------------------------------------------|----------------------|
| Current                                                                    | 4 A                  |
| Insulation resistance                                                      | $\geq 10^8 \Omega$   |
| forward resistance                                                         | max. 10 $\Omega$ /km |
| Mechanical and chemical properties                                         |                      |
| Ambient temperature range (static)                                         | -40...+85 °C         |
| Approvals                                                                  | RoHS                 |
| Note                                                                       |                      |
| - We reserve the right to make technical alterations without prior notice. |                      |