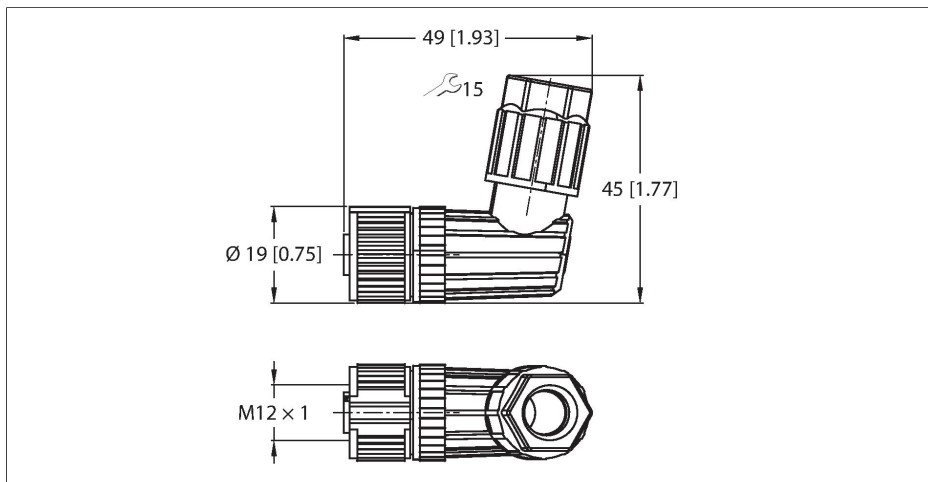


# FW-EWKPM0426-SA-P-0408

## Accessories for Sensors and Actuators – Field-Wireable Connector

### Female Connector, M12 × 1, Angled



#### Features



- Push-in connection
- Flammability class acc. to UL 94 V0
- Cable feedthrough: 4.0...8.0 mm
- Terminal capacity:
  - 0.14...0.75 mm<sup>2</sup> (without cable end sleeve)
  - 0.08...0.5 mm<sup>2</sup> (with cable end sleeve)
- Approval: cULus
- RoHS-compliant
- Protection class: IP65, IP67

#### Technical data

|                                     |                                                           |
|-------------------------------------|-----------------------------------------------------------|
| Type                                | FW-EWKPM0426-SA-P-0408                                    |
| ID no.                              | 100004081                                                 |
| Connector A                         | Female, M12 × 1, Angled                                   |
| Contacts                            | Bronze, CuSn, Gold-plated                                 |
| Contact carriers                    | Plastic, PA 6.6, Black                                    |
| Connector body                      | Plastic, PA 6.6, Black                                    |
| Coupling nut                        | Die-cast Zinc, GD-Zn, Nickel-plated                       |
| Connector seal                      | Plastic, NBR                                              |
| Tightening torque (range)           | 0.4 ... 0.4 Nm<br>(note max. torque of mating connector!) |
| Panel seal                          | plastic, NBR                                              |
| External diameter of the cable      | min. 4...8 mm                                             |
| Core cross-section/Clamping ability | 0.14...0.75 mm <sup>2</sup>                               |
| Connection mode                     | Push-in connection                                        |
| Mechanical life                     | > 100 Mating cycles                                       |
| Protection class (When coupled)     | IP65, IP67, (screwed together)                            |
| Shield                              | no                                                        |
| Electrical properties at +20 °C     |                                                           |
| Rated voltage                       | 250 V                                                     |
| Current                             | 4 A                                                       |
| Insulation resistance               | ≥ 10 <sup>8</sup> Ω                                       |

## Technical data

### Mechanical and chemical properties

|                                    |                 |
|------------------------------------|-----------------|
| Ambient temperature range (static) | -40 °C...+85 °C |
|------------------------------------|-----------------|

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