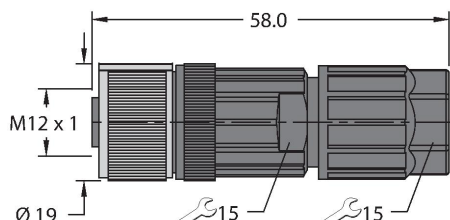


# FW-ERKPM0526-SA-P-0408

## Field-Wireable Connector

### Female Connector M12 × 1, Straight

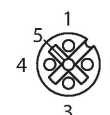


#### Features



- Push-in connection
- A-coding
- 5-pin
- 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

#### Contact assignment



#### Pin Assignment

#### Technische Daten

|                                     |                                                           |
|-------------------------------------|-----------------------------------------------------------|
| Type                                | FW-ERKPM0526-SA-P-0408                                    |
| ID                                  | 100002534                                                 |
| Connector A                         | Female, M12 × 1, Straight, A-code                         |
| Number of contacts                  | 5                                                         |
| 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!) |
| Acceptable cable diameter           | 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)                            |
| Electrical properties at +20 °C     |                                                           |
| Rated voltage                       | 60 V                                                      |
| Rated voltage                       | 48 V <sub>AC</sub> /60 V <sub>DC</sub>                    |
| Current                             | 4 A                                                       |
| Insulation resistance               | ≥ 10 <sup>8</sup> Ω                                       |
| Mechanical and chemical properties  |                                                           |
| Ambient temperature range (static)  | -40...+85 °C                                              |

Technische Daten

|           |                                                                            |
|-----------|----------------------------------------------------------------------------|
| Approvals | cULus                                                                      |
| Note      | - We reserve the right to make technical alterations without prior notice. |