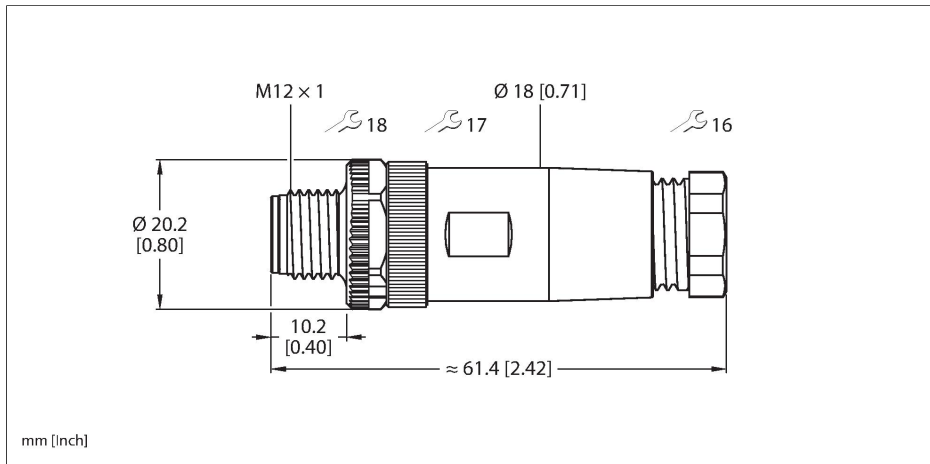


# FW-ERSPM0414-PS-S-0608

## Field-Wireable Connector – M12 Power Male Connector M12 × 1, Straight



### Technical data

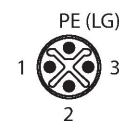
|                                     |                                     |
|-------------------------------------|-------------------------------------|
| Type                                | FW-ERSPM0414-PS-S-0608              |
| ID                                  | 100044190                           |
| Connector A                         | Male, M12 × 1, Straight, S-coded    |
| Number of pins                      | 3+PE                                |
| Contacts                            | CuZn, Gold-plated                   |
| Contact carriers                    | Plastic, PA, Black                  |
| Connector body                      | Plastic, Black                      |
| Coupling nut/screw                  | Die-cast Zinc, GD-Zn, Nickel-plated |
| External diameter of the cable      | 6...8 mm                            |
| Core cross-section/Clamping ability | 0.75...2.5 mm <sup>2</sup>          |
| Connection mode                     | Screw/clamp connection              |
| Mechanical lifespan                 | > 100 Mating cycles                 |
| Protection class                    | IP67, (screwed together)            |
| Electrical properties at +20 °C     |                                     |
| Rated voltage                       | 630 V                               |
| Current                             | 12 A                                |
| Mechanical and chemical properties  |                                     |
| Ambient temperature (fixed)         | -40...+85 °C                        |
| Approvals                           | cULus recognized                    |

### Features

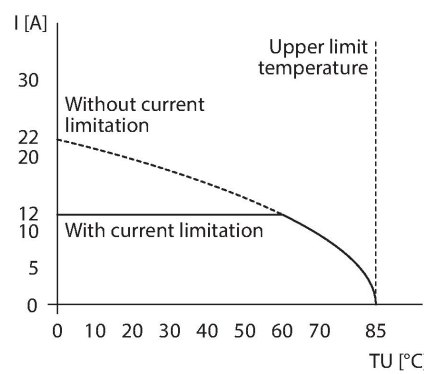


- S coding
- Metal retaining screw
- Screw-clamp terminal
- 4-pin (3+PE)
- Cable feedthrough: 6.0...8.0 mm
- Terminal capacity:
  - Max. 1.5 mm<sup>2</sup> or 16 AWG (with cable end sleeve)
  - Max. 2.5 mm<sup>2</sup> or 14 AWG (without cable end sleeve)

### Contact assignment



Derating Curve



Accessories

| Dimension drawing | Type           | ID        |
|-------------------|----------------|-----------|
|                   | RKP46PSB-2/TXL | 100003343 |

