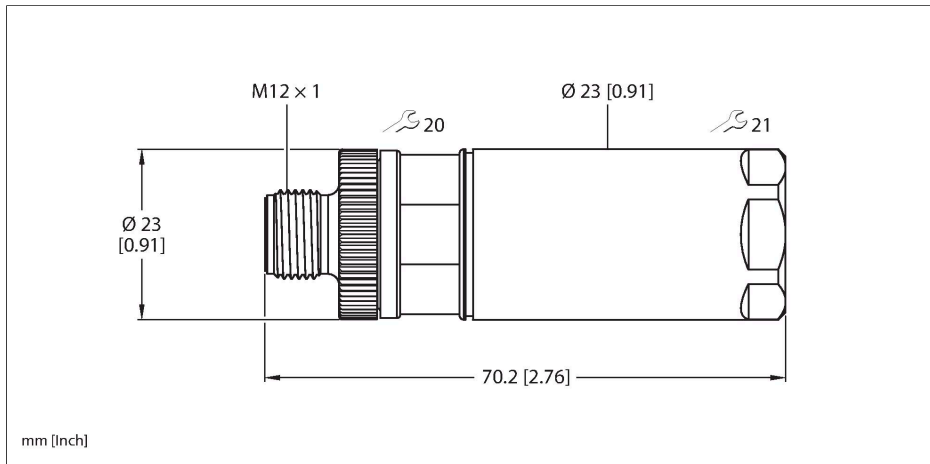


FW-ERSSM0514-PK-P-0813

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



Technical data

| | |
|-------------------------------------|----------------------------------|
| Type | FW-ERSSM0514-PK-P-0813 |
| ID | 100045546 |
| Connector A | Male, M12 × 1, Straight, K-coded |
| Number of pins | 4+PE |
| Contacts | CuZn, Gold-plated |
| Contact carriers | Plastic, PA UL94-V0, Black |
| Connector body | Brass, Nickel-plated, Gray |
| Coupling nut/screw | Brass, CuZn-Ni, Nickel-plated |
| External diameter of the cable | 8...13 mm |
| Core cross-section/Clamping ability | 0.75...2.5 mm ² |
| Connection mode | Push-in connection |
| Mechanical lifespan | > 100 Mating cycles |
| Protection class | IP67, (screwed together) |
| Electrical properties at +20 °C | |
| Rated voltage | 630 V _{AC} |
| Current | 16 A |
| Mechanical and chemical properties | |
| Ambient temperature (fixed) | -40...+85 °C |

Features



- K-coding
- Metal retaining screw
- Push-in connection
- 5-pin (4+PE)
- Cable feedthrough: 8.0...13.0 mm
- Shieldable
- Terminal capacity:
 - Max. 1.5 mm² or 16 AWG (without cable end sleeve)
 - Max. 2.5 mm² or 14 AWG (without cable end sleeve)

Contact assignment

