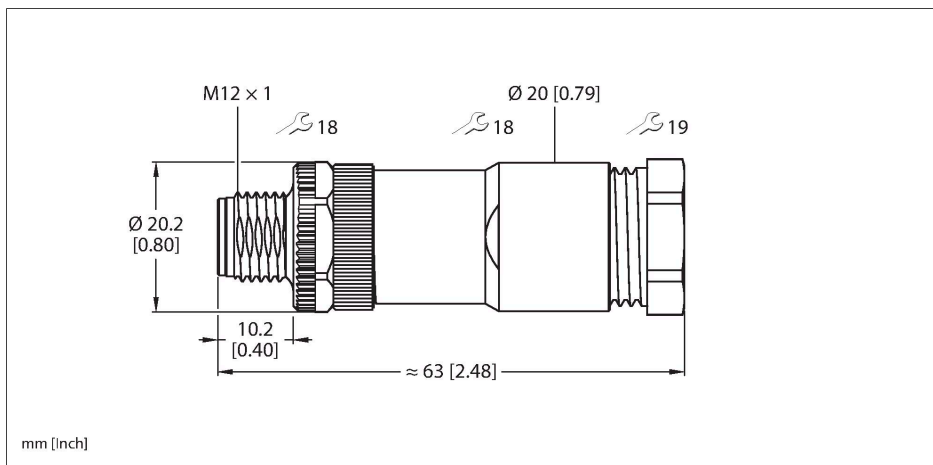


# RS46PT-S-0

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



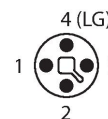
### Technische Daten

|  |  |
|--|--|
| Type   | RS46PT-S-0                             |
| ID   | U2-31186                               |
| Connector A  | Male, M12 × 1, Straight, T-code        |
| Number of contacts   | 4                                      |
| Contacts   | CuZn, Gold-plated                      |
| Contact carriers   | Plastic, PA, Black                     |
| Connector body   | Plastic, PA, Black                     |
| Coupling nut   | Zinc, GD-Zn, Nickel-plated             |
| Acceptable cable diameter  | 8...10 mm                              |
| Core cross-section/Clamping ability                                | 16 mm <sup>2</sup>                     |
| Connection mode  | Screw/clamp connection                 |
| Mechanical life  | > 100 Mating cycles                    |
| Protection class (When coupled)                                    | IP67, (screwed together)               |
| <b>Electrical properties at +20 °C</b>                             |  |
| Rated voltage  | 63 V                                   |
| Rated voltage  | 50 V <sub>AC</sub> /63 V <sub>DC</sub> |
| Current  | 12 A                                   |
| <b>Mechanical and chemical properties</b>                          |  |
| Ambient temperature range (static)                                 | -40...+85 °C                           |
| <b>Note</b>  |  |
| - CAUTION: RISK OF ELECTRICAL SHOCK. DO NOT DISCONNECT UNDER LOAD. |  |

### Features

- Straight Male M12 powerfast Field Wireable
- 4 pins
- Screw termination
- Plastic housing
- Screw-clamp terminal
- 4-pin
- Cable feedthrough: 8.0...10.0 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

## Technische Daten

- We reserve the right to make technical alterations without prior notice.

## Derating Curve

