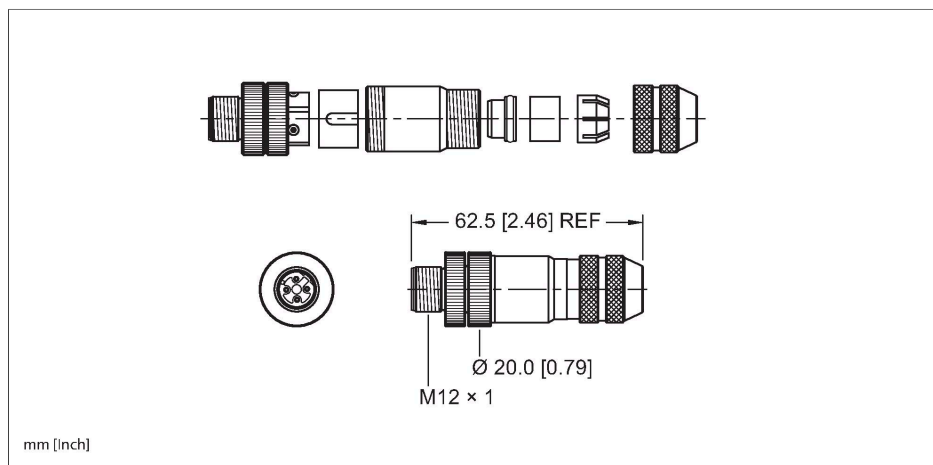


# CMBSD 8141-0/PG9

## Ethernet Field Wireable – M12 Connection



### Technische Daten

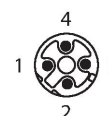
|                                      |                                                       |
|--------------------------------------|-------------------------------------------------------|
| Type                                 | CMBSD 8141-0/PG9                                      |
| ID                                   | U2-03887                                              |
| Connector A                          | Male, M12 × 1, Straight, D-code                       |
| Number of contacts                   | 4                                                     |
| Contacts                             | Brass, CuZn, Gold-plated                              |
| Contact carriers                     | Plastic, PA, Black                                    |
| Connector body                       | Die-cast Zinc, GD-Zn, nickel-plated                   |
| Coupling nut                         | Die-cast Zinc, GD-Zn, Nickel-plated                   |
| Acceptable cable diameter            | 6...8 mm                                              |
| Core cross-section/Clamping ability  | 0.14...0.75 mm <sup>2</sup>                           |
| Core cross-section/terminal capacity | 26...18 AWG                                           |
| Connection mode                      | Screw/clamp connection                                |
| Mechanical life                      | > 100 Mating cycles                                   |
| Pollution degree                     | 3                                                     |
| Protection class (When coupled)      | IP67, (screwed together)                              |
| Fieldbus                             | Ethernet<br>EtherNet/IP<br>Ethernet CAT5E<br>PROFINET |
| Electrical properties at +20 °C      |                                                       |
| Rated voltage                        | 250 V                                                 |
| Current                              | 4 A                                                   |
| Mechanical and chemical properties   |                                                       |
| Ambient temperature range (static)   | -40...+85 °C                                          |
| Approvals                            | RoHS                                                  |

### Features



- Screw Terminal Wire Termination
- Die-cast Zinc Housing/Coupling Nut
- Shielded
- M12, Male, Straight, 4-pin, D-code
- PG9 screw-in thread
- Cable feedthrough 6.0...8.0 mm

### Contact assignment



## Technische Daten

### Note

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

---