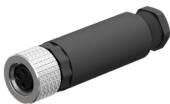
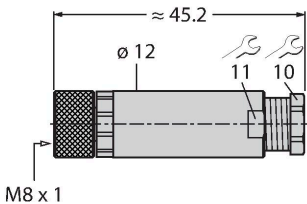


B5133-0  
Field-Wireable Connector  
Female Connector M8 × 1/Ø 8 mm, Straight



Technical data

|                                     |                                     |
|-------------------------------------|-------------------------------------|
| Type                                | B5133-0                             |
| ID                                  | 6901030                             |
| Connector A                         | Female, M8 × 1, Straight            |
| Number of pins                      | 3                                   |
| Contacts                            | Brass, CuZn, Gold-plated            |
| Contact carriers                    | Plastic, PA 66 (UL 94 HB), Black    |
| Connector body                      | Plastic, PBT, Black                 |
| Coupling nut/screw                  | Die-cast Zinc, GD-Zn, Nickel-plated |
| Seal                                | Plastic, Neoprene                   |
| Screw-in thread seal                | Plastic, FPM/FKM                    |
| Screw-in thread                     | M11 × 0.75                          |
| External diameter of the cable      | 3.5...5 mm                          |
| Core cross-section/Clamping ability | 0.14...0.5 mm²                      |
| Connection mode                     | Screw/clamp connection              |
| Mechanical lifespan                 | > 100 Mating cycles                 |
| Protection class                    | IP67, (screwed together)            |
| Electrical properties at +20 °C     |                                     |
| Rated voltage                       | 60 V                                |
| Current                             | 4 A                                 |
| Insulation resistance               | ≥ 10 <sup>8</sup> Ω                 |
| forward resistance                  | ≤ 3 mΩ                              |
| Mechanical and chemical properties  |                                     |
| Ambient temperature (fixed)         | -40...+85 °C                        |
| Ambient temperature (mobile)        | -40...+85 °C                        |

Features



- Metal coupling nut
- Protection class IP67
- Screw-clamp terminal
- Field-wireable female connector
- Mechanical connection M8/Ø 8 mm
- Straight design
- 3-pin
- metr. Screw-in thread M11 × 0.75
- Cable feedthrough 3.5...5.0 mm

Contact assignment



## Technical data

Approvals

cULus recognized

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