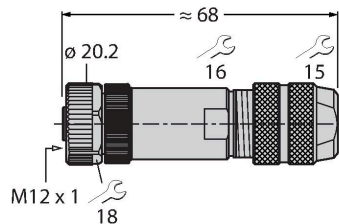


# FW-M12KU5W-G-ZF-ME-SH-9

## Field-Wireable Connector

### Female Connector M12 × 1, Straight



#### Technical data

|  |  |
|--|--|
| Type                                   | FW-M12KU5W-G-ZF-ME-SH-9                    |
| ID                                     | 6604210                                    |
| Connector A                            | Female, M12 × 1, Straight, B-coded         |
| Number of Pins                         | 5  |
| Contacts                               | Metal, CuZn, Gold-plated                   |
| Contact carriers                       | Plastic, PA, Black                         |
| Connector body                         | Die-cast Zinc, GD-Zn, nickel-plated, Black |
| Coupling nut/screw                     | Die-cast Zinc, GD-Zn, Nickel-plated        |
| Seal                                   | Plastic, FPM/FKM                           |
| Screw-in thread                        | M18 × 1                                    |
| External diameter of the cable         | 7...9 mm                                   |
| Core cross-section/Clamping ability    | 0.14...0.75 mm <sup>2</sup>                |
| Connection mode                        | Tension spring connection                  |
| Mechanical lifespan                    | > 100 Mating cycles                        |
| Protection class                       | IP67, (screwed together)                   |
| Network protocol                       | PROFIBUS-DP                                |
| Shielding                              | yes  |
| Electrical properties at +20 °C        |  |
| Rated voltage                          | 125 V                                      |
| Current                                | 4 A  |
| Insulation resistance                  | ≥ 10 <sup>8</sup> Ω                        |
| forward resistance                     | ≤ 5 mΩ                                     |
| Mechanical and chemical properties     |  |
| Ambient temperature range (stationary) | -40...+85 °C                               |

#### Features



- For use in PROFIBUS-DP applications
- Up to 12 Mbps
- Shielding via iris spring connection
- B-coding
- Metal housing
- Tension spring connection
- 5-pin
- M18 × 1 metric screw-in thread
- Cable diameter 7.0...9.0 mm

#### Contact assignment

