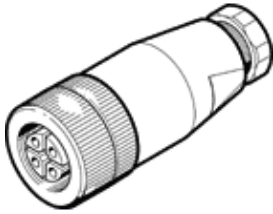


# Socket connector FBSD-GD-7

Part number: 18497

FESTO

For field bus connection to valve and valve/sensor manifolds.



## Data sheet

| Feature                                   | Value  |
|---|--|
| Based on the standard                     | EN 61076-2-101<br>EN 61984                                     |
| Mounting type                             | With sleeve nut  |
| Assembly position                         | Any  |
| Product weight                            | 28 g   |
| Electrical connection                     | Design A<br>M12x1<br>4-pin<br>Straight socket / screw terminal |
| Operating voltage range DC                | ≤ 250 V  |
| Operating voltage range AC                | ≤ 250 V  |
| Acceptable current load at 40°C           | 4 A  |
| Surge strength                            | 2.5 kV   |
| Cable gland connection                    | Pg7  |
| Permissible cable diameter                | 4 ... 6 mm   |
| Terminal cross-section                    | 0.75 mm <sup>2</sup>   |
| Protection class                          | IP67   |
| Ambient temperature                       | -40 ... 85 °C  |
| CE symbol (see declaration of conformity) | according to EU low voltage guideline                          |
| Materials note                            | Conforms to RoHS   |
| Degree of contamination                   | 3  |
| Corrosion resistance classification CRC   | 1 - Low corrosion stress                                       |
| Materials information, housing            | PA-reinforced  |
| Housing color                             | Black  |
| Materials information for locknut         | Zinc die-casting<br>Nickel plated                              |
| Material information for crimp connectors | Bronze<br>White bronze coated                                  |