



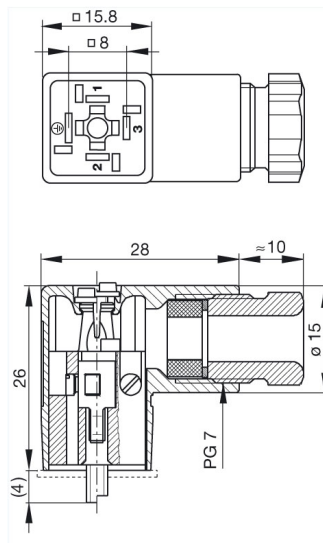
## GDSN 307 schwarz/black

Industrial Connectors:Rectangular connectors GDM-series:Type C EN 175301-803 (DIN 43650):Cable socket

### Product description

|                      |                                            |
|----------------------|--------------------------------------------|
| Description          | cable socket with central screw M 2.5 x 27 |
| Type                 | GDSN 307 schwarz/black                     |
| Order No.            | 933 023-100                                |
| Other standard types | grey housing,<br>Order No. 933 023-106     |
| Number of contacts   | 3 + PE                                     |
| Cable gland          | PG 7                                       |
| Conductor size       | max. 0.75 mm <sup>2</sup>                  |
| Standard             | DIN EN 175 301-803-C                       |
| Housing Color        | black                                      |
| Construction type    | C                                          |

### Drawing



### Technical data

|                     |                                  |
|---------------------|----------------------------------|
| Pin dimensions      | 2,8 mm x 0,5 mm, 3,6 mm x 0,5 mm |
| Rated voltage       | UC 250 V                         |
| Rated current       | 6 A                              |
| Contact resistance  | ≤ 4 mOhm                         |
| Type of termination | screw                            |
| Suitable cables     | 4.5 mm to 6 mm                   |
| Mounting            | central screw                    |

### Material

|                          |    |
|--------------------------|----|
| Contact surface material | Sn |
| Contact bearer material  | PA |
| Housing material         | PA |

### Environmental conditions

|                              |       |
|------------------------------|-------|
| Protection class (IEC 60529) | IP 65 |
| Pollution severity           | 3     |

|                                          |                                                                                                                    |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Temperature range                        | -40 °C to +125 °C                                                                                                  |
| <b>Inflammability class</b>              |                                                                                                                    |
| Housing                                  | 94 HB                                                                                                              |
| Contact bearer                           | 94 V-2                                                                                                             |
| <b>Approvals</b>                         |                                                                                                                    |
| UR                                       | UR                                                                                                                 |
| VDE                                      | VDE                                                                                                                |
| SEV                                      | SEV                                                                                                                |
| CSA                                      | CSA                                                                                                                |
| <b>Packaging unit</b>                    |                                                                                                                    |
| Packaging unit                           | 200 pieces                                                                                                         |
| <b>Scope of delivery and accessories</b> |                                                                                                                    |
| Accessories to order separately          | (NBR) flat gasket GDSN 307-4,<br>Order No. 730 176-002;<br>(EPDM) flat gasket GDSN 307-5,<br>Order No. 730 310-004 |