



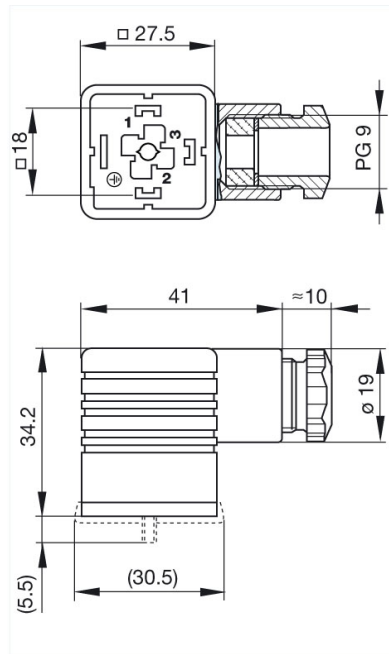
## GDM 3009 schwarz/black

Industrial Connectors:Rectangular connectors GDM-series:Type AEN 175301-803 (DIN 43650) / ISO 4400:Cable socket, self-assembly

### Product description

|                      |                                          |
|----------------------|------------------------------------------|
| Description          | cable socket with central screw M 3 x 35 |
| Type                 | GDM 3009 schwarz/black                   |
| Order No.            | 931 969-100                              |
| Other standard types | grey housing,<br>Order no. 931 969-106   |
| Number of contacts   | 3 + PE                                   |
| Cable gland          | PG 9                                     |
| Conductor size       | max. 1.5 mm <sup>2</sup>                 |
| Standard             | DIN EN 175 301-803-A                     |
| Housing Color        | black                                    |
| Construction type    | A                                        |

### Drawing



### Technical data

|                     |                                  |
|---------------------|----------------------------------|
| Pin dimensions      | 6.3 mm x 0.8 mm, 4.8 mm x 0.8 mm |
| Rated voltage       | AC/DC 250 V                      |
| Rated current       | 16 A                             |
| Contact resistance  | ≤ 4 mOhm                         |
| Type of termination | screw                            |
| Suitable cables     | 4.5 mm to 7 mm diameter          |

|                                          |                                                                                                                                                                                                                                                                                               |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mounting                                 | central nut                                                                                                                                                                                                                                                                                   |
| <b>Material</b>                          |                                                                                                                                                                                                                                                                                               |
| Contact surface material                 | Sn                                                                                                                                                                                                                                                                                            |
| Contact bearer material                  | PA                                                                                                                                                                                                                                                                                            |
| Housing material                         | PA                                                                                                                                                                                                                                                                                            |
| <b>Environmental conditions</b>          |                                                                                                                                                                                                                                                                                               |
| Protection class (IEC 60529)             | IP 65 (gasket necessary)                                                                                                                                                                                                                                                                      |
| Pollution severity                       | 3                                                                                                                                                                                                                                                                                             |
| Temperature range                        | -40 °C to +125 °C                                                                                                                                                                                                                                                                             |
| <b>Inflammability class</b>              |                                                                                                                                                                                                                                                                                               |
| Housing                                  | 94 HB                                                                                                                                                                                                                                                                                         |
| Contact bearer                           | 94 HB                                                                                                                                                                                                                                                                                         |
| <b>Approvals</b>                         |                                                                                                                                                                                                                                                                                               |
| VDE                                      | VDE                                                                                                                                                                                                                                                                                           |
| SEV                                      | SEV                                                                                                                                                                                                                                                                                           |
| CSA                                      | CSA                                                                                                                                                                                                                                                                                           |
| <b>Packing unit</b>                      |                                                                                                                                                                                                                                                                                               |
| Packaging unit                           | 200 pieces                                                                                                                                                                                                                                                                                    |
| <b>Scope of delivery and accessories</b> |                                                                                                                                                                                                                                                                                               |
| Accessories to order separately          | (NBR) flat gasket GDM 3-7,<br>Order no. 730 801-002;<br>(EPDM) flat gasket GDM 3-21,<br>Order no. 731 739-004;<br>profiled gasket GDM 3-16,<br>Order no. 731 531-002;<br>knurled screw GDM 3011-8,<br>Order no. 732 574-001;<br>stainless steel screw GDM 3011 RF-1,<br>Order no. 734 363-001 |