




**Product:** [GDM 2016 LED 120 YE grey](#) 

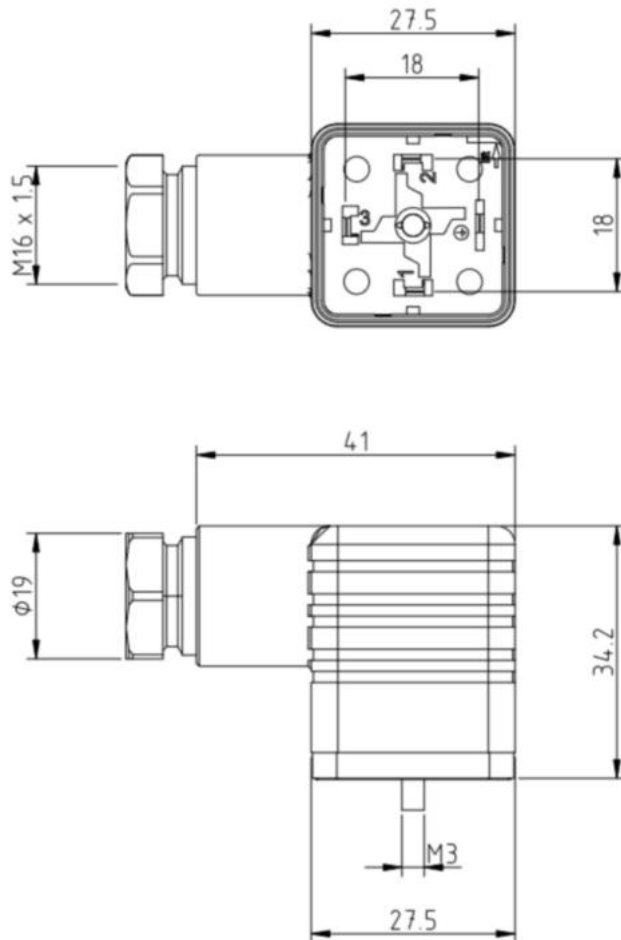
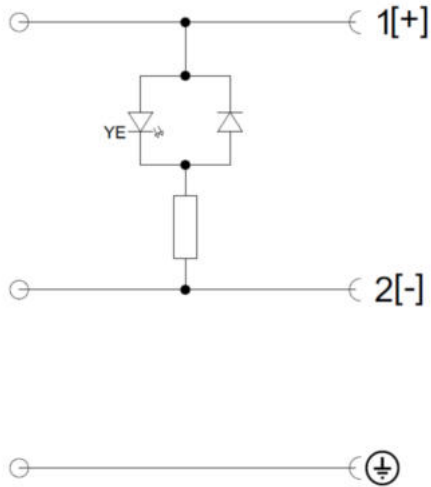
Replaced by: [GDM21L6-L11-10D](#)

GDM Legacy- 175301-803 (DIN 43650), Form A, 18mm, 2 Pole+Ground (Protective Earth), Translucent Housing, M16 Grey Gland Nut, PCBA with Yellow LED, 120V | 8 A, Steel Center Screw, Bulk Packaging

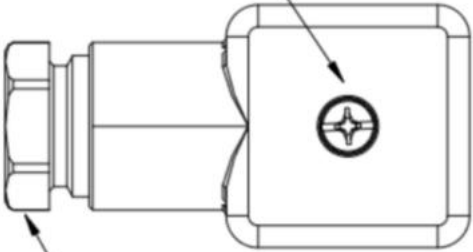
### Product Description

GDM Legacy- 175301-803 (DIN 43650), Form A, 18mm, 2 Pole+Ground (Protective Earth), Translucent Housing, M16 Grey Gland Nut, PCBA with Yellow LED, 120V | 8 A, Steel Center Screw, Bulk Packaging

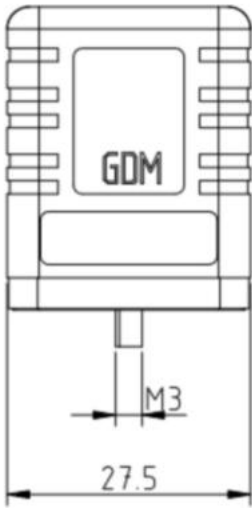
### Technical Drawing



Central Screw Torque value:  
[50-60] Ncm



Hex Nut Torque value:  
[250-375] Ncm



Technical Specifications

Product Life Cycle

|                     |               |
|---------------------|---------------|
| Availability:       | Last Time Buy |
| Last Order Date:    | 2024-08-02    |
| Last Delivery Date: | 2024-12-31    |

Technical data

|                           |                               |
|---------------------------|-------------------------------|
| Product Family:           | Valve Connectors              |
| Product Sub Family:       | GDM Legacy                    |
| Brand:                    | Hirschmann                    |
| Connector Type:           | Field Attachable              |
| Type of Contact / Gender: | Female                        |
| Connector Design:         | Angled                        |
| Number of Pins:           | 2+PE (PE across cable outlet) |
| Coding:                   | A                             |
| Shielding:                | Unshielded                    |
| Attachment Type:          | Central Screw                 |
| Replaced by:              | PF_GDM21L6-L11-10D            |
| Rated Voltage:            | 120 V                         |
| Rated Impulse Voltage:    | 4.0 kV (PCBA 2.0 kV)          |
| Operating Voltage:        | 110 V AC/DC                   |

|                                   |   |
|-----------------------------------|---|
| Rated Current*:                   | 8 A                                     |
| Contact Resistance:               | ≤ 10 mOhm                               |
| Insulation Resistance:            | > 10 <sup>9</sup> Ohm                   |
| Mating Cycles:                    | ≤ 50                                    |
| Type of Connection:               | Screw                                   |
| Cable Gland:                      | M16                                     |
| Conductor Cross Section:          | 0.25 - 1.5 mm <sup>2</sup>              |
| Suitable Cables:                  | Ø 4.5 - 10 mm                           |
| Ambient Temperature (Operation)*: | -25°C to +80°C                          |
| Protection Degree / IP Rating**:  | IP65                                    |
| Design Standard:                  | DIN EN 175301-803-A, ISO 4400           |
| Pollution Degree:                 | 3 acc. to DIN EN 60664-1 (VDE 0110-1)   |
| Clearance / Creepage Distance:    | DIN EN 60664-1 (2008/01); VDE 0110-1    |
| Overvoltage Category:             | III acc. to DIN EN 60664-1 (VDE 0110-1) |

Materials

|                                      |                           |
|--------------------------------------|---------------------------|
| Contact Base Material:               | CuZn                      |
| Contact Plating:                     | Cu/Sn                     |
| Contact Bearer Material:             | PA GF                     |
| Contact Bearer Color:                | Black                     |
| Flammability Class (Contact Bearer): | UL 94 HB                  |
| Housing Material:                    | PA GF                     |
| Housing Color:                       | Translucent               |
| Flammability Class (Housing):        | UL 94 HB                  |
| Cable Gland Material:                | PA GF                     |
| Cable Gland Gasket:                  | NBR                       |
| Cable Gland Color:                   | Grey                      |
| Attachment Material:                 | Steel, Philips combi slot |
| Gasket Material:                     | Sold separately           |

Protection Circuitry

|                     |            |
|---------------------|------------|
| Function Indicator: | Yellow LED |
|---------------------|------------|

Additional Technical Data

|                                   |               |
|-----------------------------------|---------------|
| Fastening Torque (Contact Screw): | (50-60) Ncm   |
| Fastening Torque (Cable Gland):   | (250-375) Ncm |
| Fastening Torque (Attachment):    | (50-60) Ncm   |

Approvals

|      |     |
|------|-----|
| VDE: | Yes |
| SEV: | Yes |

Safety & Environmental Compliance

|                 |     |
|-----------------|-----|
| RoHS Compliant: | Yes |
|-----------------|-----|

Notes

|                                     |  |
|-------------------------------------|--|
| Note Derating:                      | Notice derating  |
| Protection Degree / IP Rating Note: | Protection Degree and IP Rating per test standard IEC 60529 using a Hirschmann / Lumberg Automation mating product |

Variants

| Item #    | Item Description       | Central Screw              | Gasket              | Packaging                                  | Replaced By                         |
|-----------|------------------------|----------------------------|---------------------|--|-------------------------------------|
| 934423003 | GDML 2016 LED 120 YEGy | 1- Steel Screw, Combi Head | 0 - Sold Separately | D - Collect packaging 50 pieces, assembled | ID: 934888179 Name: GDM21L6-L11-10D |

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.