



**Product:** [GDM 2011 LED 24 HH P black](#) 

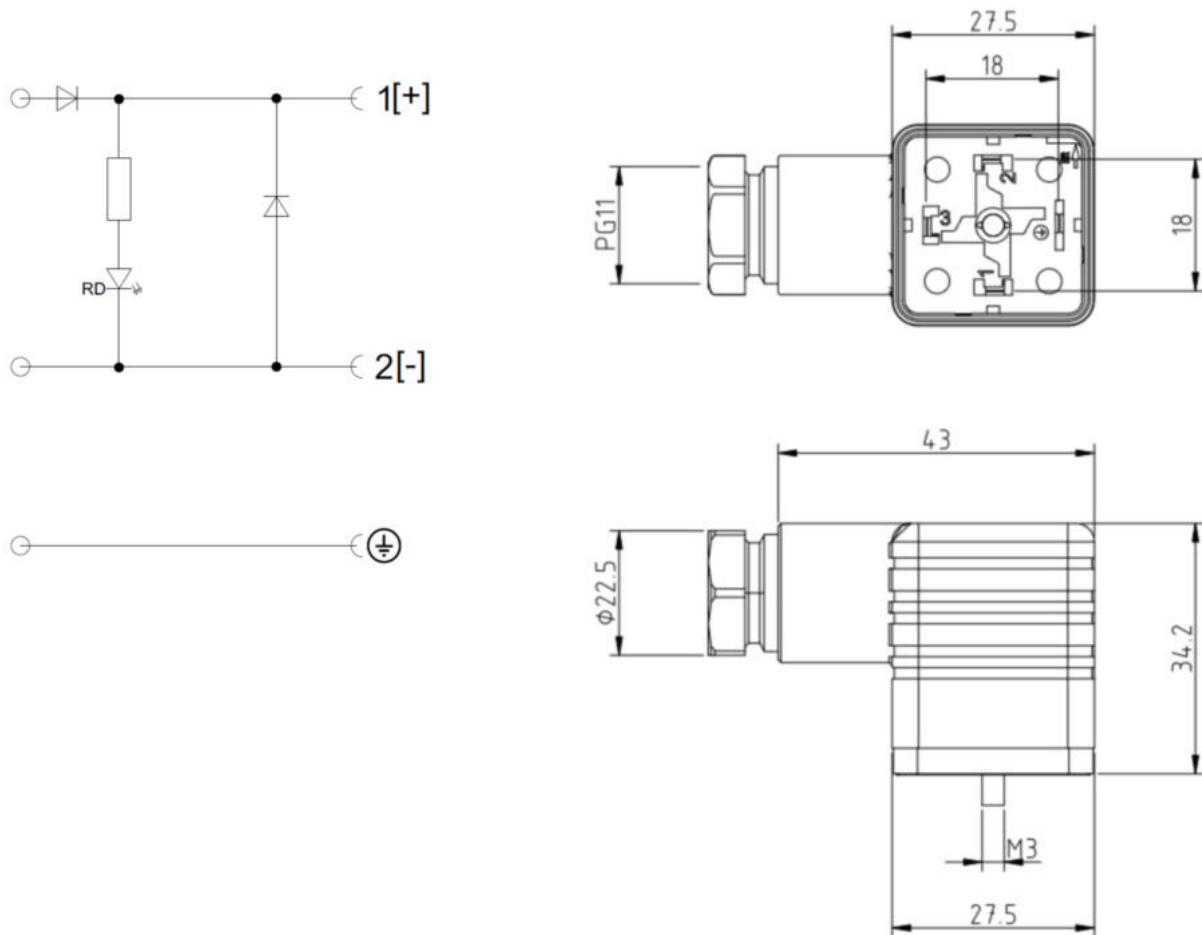
Replaced by: [GDM21FB-D84-10D](#)

GDM Legacy- 175301-803 (DIN 43650), Form A, 18mm, 2 Pole+Ground (Protective Earth), Translucent Housing, PG11 Black Gland Nut, PCBA with Half Wave Rectifier, Red LED, and Diode, 24V | 1 A, Steel Center Screw, Bulk Packaging

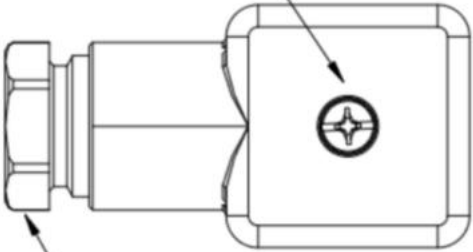
#### Product Description

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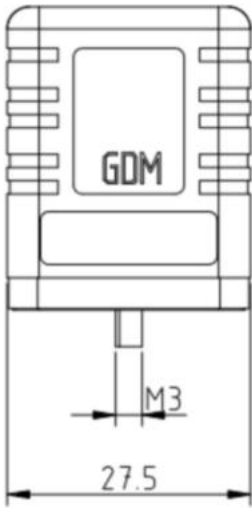
#### Technical Drawing



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_GDM21FB-D84-10D            |
| Rated Voltage:            | 24 V                          |
| Rated Impulse Voltage:    | 4.0 kV (PCBA 2.0 kV)          |
| Operating Voltage:        | 24 V DC                       |

|                                   |                                         |
|-----------------------------------|-----------------------------------------|
| Rated Current*:                   | 1 A                                     |
| Contact Resistance:               | ≤ 10 mOhm                               |
| Insulation Resistance:            | > 10 <sup>9</sup> Ohm                   |
| Mating Cycles:                    | ≤ 50                                    |
| Type of Connection:               | Screw                                   |
| Cable Gland:                      | PG11                                    |
| Conductor Cross Section:          | 0.25 - 1.5 mm²                          |
| Suitable Cables:                  | Ø 4.5 - 11 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:                   | Black                     |
| Attachment Material:                 | Steel, Philips combi slot |
| Gasket Material:                     | Sold separately           |

Protection Circuitry

|                     |         |
|---------------------|---------|
| Function Indicator: | Red LED |
| Protective Circuit: | Diode   |

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                         |
|-----------|--------------------------|----------------------------|---------------------|--------------------------------------------|-------------------------------------|
| 932444002 | GDML 2011 LED 24 HH P bk | 1- Steel Screw, Combi Head | 0 - Sold Separately | D - Collect packaging 50 pieces, assembled | ID: 934888197 Name: GDM21FB-D84-10D |

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