



**Product:** [GDM 2009 UL 110 ME](#)

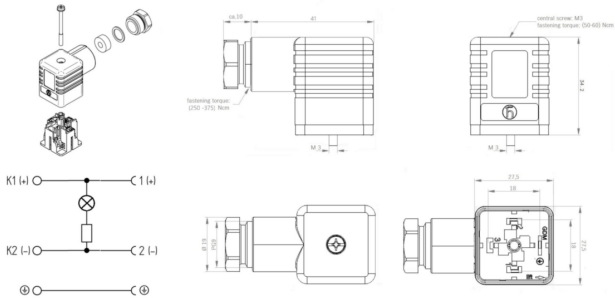
Life Cycle Status: Limited Availability/Passive

GDM Legacy - DIN Valve Connector | Form A | 18mm | #Contacts: 2+Ground  
| Translucent Housing PG 9 Thread | Neon Lamp | 120 V

Product Description

Form A, 18mm - Female Angled | #Contacts: 2+Ground (PE), Screw Type | Neon Lamp | 120 V / 10 A | Translucent Housing, Black PG9 Cable Gland | Included: Central Screw | Bulk Packaging

Technical Drawing



Technical Specifications

Product Life Cycle

|                     |                                  |
|---------------------|----------------------------------|
| Availability:       | Active - under EOL consideration |
| Last Order Date:    | 2024-08-02                       |
| Last Delivery Date: | 2024-12-31                       |

Technical data

|                                |                                     |
|--------------------------------|-------------------------------------|
| Product Family:                | Valve Connectors                    |
| Side 1 Product Sub Family:     | GDM Legacy                          |
| Brand:                         | Hirschmann                          |
| Connector Type:                | Field Attachable                    |
| Side 1 Type of Contact/Gender: | Female                              |
| Connector Design:              | Angled                              |
| Number of Pins:                | 2+PE (PE across cable outlet)       |
| Coding, Side 1:                | A                                   |
| Shielding Type:                | Unshielded                          |
| Attachment Type:               | Central Screw                       |
| Replaced by:                   | ID: 934888019 Name: GDM21F6-L11-10D |
| Voltage Rating:                | 120 V                               |
| Rated Impulse Voltage:         | 4.0 kV                              |
| Operating Voltage:             | 110 V AC/DC                         |
| Current Rating:                | 10 A                                |
| Contact Resistance:            | ≤ 10 mOhm                           |
| Insulation Resistance:         | > 10^9 Ohm                          |
| Mating Cycles:                 | ≤ 50                                |

|                                   |                                         |
|-----------------------------------|-----------------------------------------|
| Type of Connection:               | Screw                                   |
| Cable Gland:                      | PG9                                     |
| Cross Section:                    | 0.25 - 1.5 mm²                          |
| Suitable Cables:                  | Ø 4.5 - 7.5 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                      |
| Side 1 Contact Plating:              | Cu/Sn                     |
| Contact Bearer Material:             | PA GF                     |
| Contact Bearer Color:                | Brown                     |
| 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: | Glow Lamp |
|---------------------|-----------|

Additional Technical Data

|                                   |                      |
|-----------------------------------|----------------------|
| Fastening Torque (Contact Screw): | (50-60) Ncm          |
| Fastening Torque (Cable Gland):   | (250-375) Ncm        |
| Fastening Torque (Attachment):    | (50-60) Ncm          |
| Mount Type:                       | central screw M 3x35 |

Safety & Environmental Compliance

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

Notes

|                                     |                                                                                                                                 |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Note Derating:                      | Notice derating                                                                                                                 |
| Protection Degree / IP Rating Note: | IP Rating tested according to IEC standard using combination of a Hirschmann or Lumberg Automation connector mounted and locked |

Variants

| Item #    | Item Description   | Gasket              | Packaging                                  | Replaced By                         |
|-----------|--------------------|---------------------|--------------------------------------------|-------------------------------------|
| 927801110 | GDM 2009 UL 110 ME | 0 - Sold Separately | D - Collect packaging 50 pieces, assembled | ID: 934888019 Name: GDM21F6-L11-10D |

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