



**Product:** [GDM 2011 110+3-16 ME](#)

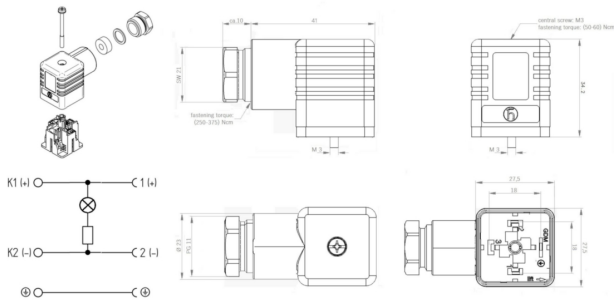
Life Cycle Status: Limited Availability/Passive

GDM - DIN Valve Connector | Form A | 18mm | #Contacts: 2+Ground | Translucent Housing PG 11 Thread | Neon Lamp | 120 V

### Product Description

Form A, 18mm - Female Angled | #Contacts: 2+Ground (PE), Screw Type | LED Red | 120 V / 8 A | Translucent Housing, Black PG11 Cable Gland | Included: Central Screw | Individual 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
Connector Sub Type:	Form A
Side 1 Type of Contact/Gender:	Socket Contacts / Female
Connector Design:	Form A   Female   2+PE   90°
Number of Pins:	2+PE (PE across cable outlet)
Coding, Side 1:	A
Shielding Type:	Unshielded
Attachment Type:	Central Screw, M 3 x 35
Replaced by:	GDM21FB-L11-1EM
Voltage Rating:	120 V
Operating Voltage:	110 V AC/DC
Current Rating:	8 A
Side 1 Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 <sup>9</sup> Ohm
Mating Cycles:	≤ 50

Type of Connection:	Screw terminal
Cable Gland:	PG11
Thread Size:	PG 11
Cross Section:	0.25 - 1.5 mm <sup>2</sup>
Suitable Cables:	Ø 6 - 9 mm
Ambient Temperature (Operation)*:	-25°C to +80°C
Protection Degree / IP Rating**:	IP65
Side 1 Design Standard:	DIN EN 175301-803-A, ISO 4400
Side 1 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:	Brass (CuZn)
Side 1 Contact Plating:	Copper-Tin Alloy (Cu/Sn)
Contact Bearer Material:	Glass-Fiber Reinforced Polyamide (PA GF)
Contact Bearer Color:	Brown
Flammability Class (Contact Bearer):	UL 94 HB
Housing Material:	Glass-Fiber Reinforced Polyamide (PA GF)
Housing Color:	Translucent
Flammability Class (Housing):	UL 94 HB
Cable Gland Material:	Glass-Fiber Reinforced Polyamide (PA GF)
Cable Gland Gasket:	Nitrile Butadiene Rubber (NBR),
Cable Gland Color:	Black
Flammability Class (Cable Gland):	UL 94 HB
Attachment Material:	Steel Fastener (4.8 , Fe/Zn B)
Gasket Material:	Profile: GDM 3-16 Nitrile Butadiene Rubber (NBR), Included

## Protection Circuitry

Function Indicator:	Glow Lamp
Protective Circuit:	No Protective Circuit

## 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

REACH:	Compliant
RoHS Compliant:	Compliant

## 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
927811211	GDM 2011 UL 110 + 3-16 ME	1 - Central Screw Steel, combi head	E - Profile NBR/SBR (GDM 3-16 NBR)	M - Single packaging 50 pieces, assembled	GDM21FB-L11-1EM

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