

# Product: GDML 2016 LED 230 YE grey ▷



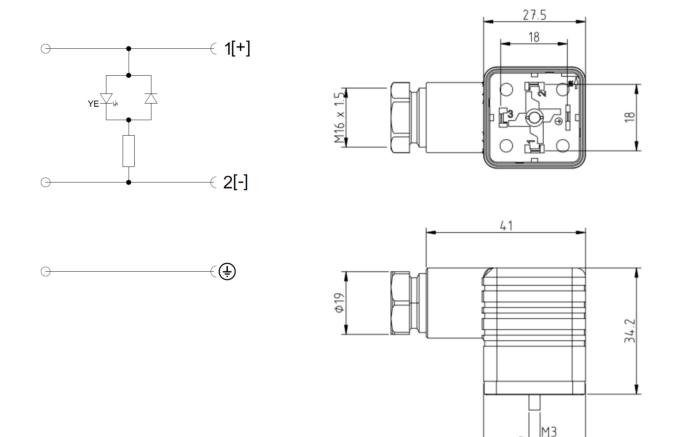
Replaced by: GDM21L6-L1Y-10D

GDM Legacy- 175301-803 (DIN 43650), Form A, 18mm, 2 Pole+Ground (Protective Earth), Translucent Housing, M16 Grey Gland Nut, PCBA with Yellow LED, 250V | 8 A, Steel Center Screw, Bulk Packaging

## **Product Description**

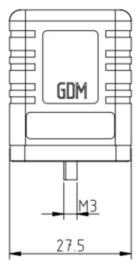
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## **Technical Drawing**



27.5

Central Screw Torque value: [50-60] 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-L1Y-10D			
Rated Voltage:	250 V			
Rated Impulse Voltage:	4.0 kV (PCBA 2.0 kV)			
Operating Voltage:	230 V AC/DC			

Rated Current*:	8 A			
Contact Resistance:	≤ 10 mOhm			
Insulation Resistance:	> 10^9 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
93442500	3 GDML 2016 LED 230 YE gy	1- Steel Screw, Combi Head	0 - Sold Separately	D - Collect packaging 50 pieces, assembled	ID: 35642 Name: GDM21L6-L1Y-10D

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