



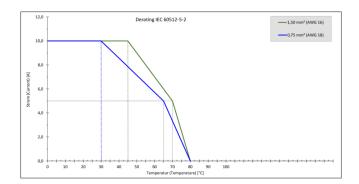
# Product: <u>GDM21L6-V24-10D</u> ☑

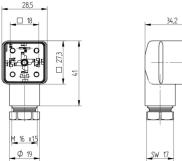
GDM Standard- 175301-803 (DIN 43650), Form A, 18mm, 2 Pole+Ground (Protective Earth), Translucent Housing, M16 Grey Gland Nut, PCBA with Yellow LED, and Varistor, 24V | 10 A, Steel Center Screw, Bulk Packaging

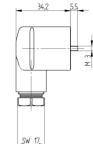
## **Product Description**

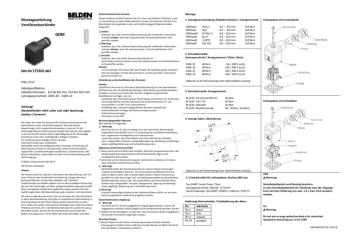
GDM Standard- 175301-803 (DIN 43650), Form A, 18mm, 2 Pole+Ground (Protective Earth), Translucent Housing, M16 Grey Gland Nut, PCBA with Yellow LED, and Varistor, 24V | 10 A, Steel Center Screw, Bulk Packaging

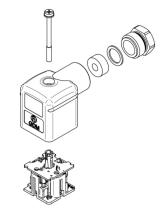
## **Technical Drawing**

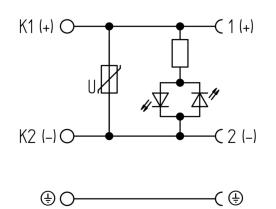


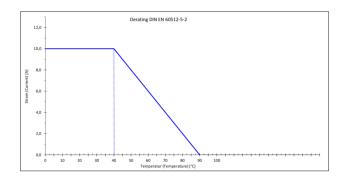












## **Technical Specifications**

## **Technical data**

Product Family:	Valve Connectors				
Product Sub Family:	GDM Standard				
Brand:	Hirschmann Field Attochable				
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				
Rated Voltage:	24 V				
Rated Impulse Voltage:	4.0 kV (PCBA 2.0 kV)				
Operating Voltage:	24 V AC/DC				
Rated Current*:	10 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 mm²				
Suitable Cables:	Ø 4.5 - 9 mm				
Ambient Temperature (Operation)*:	ation)*: -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
Protective Circuit:	Varistor

#### **Additional Technical Data**

Fastening Torque (Cable Gland): (250-375) Ncm	Fastening Torque (Contact Screw):	(40-50) Ncm for conductor size 0.5 - 1.5 mm <sup>2</sup> ; (30-40) Ncm for conductor size 0.34 mm <sup>2</sup> ; (25-30) Ncm for conductor size 0.25 mm <sup>2</sup>
	Fastening Torque (Cable Gland):	(250-375) Ncm
Fastening Torque (Attachment): (50-60) 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		
Note:	Do not connect or disconnect under load.		

#### Variants

Item #	Item Description	Central Screw	Gasket	Packaging	Replacement For
934888084	GDM21L6-V24-10D	1- Steel Screw, Combi Head	0 - Sold Separately	D - Collect packaging 50 pieces, assembled	ID: 934417003 Name: GDML 2016 LED 24 VR YE gy

© 2025 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

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 regulators based on their individual usage of the product.