



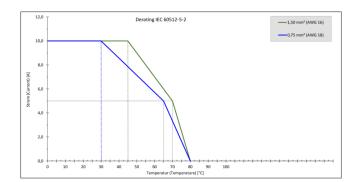
# Product: <u>GDM21F6-L11-10D</u> ☑

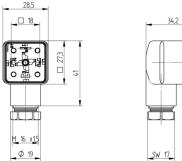
GDM Standard DIN Standard Field Attachable Connector: Form A, 3-pin (2+1PE; PE across cable outlet), transparent housing, screw type, M16; with yellow LED, 110 V AC/DC, 10 A

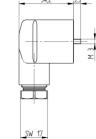
## **Product Description**

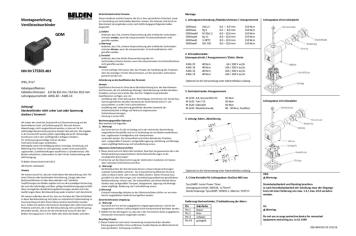
GDM Standard DIN Standard Field Attachable Connector: Form A, 3-pin (2+1PE; PE across cable outlet), transparent housing, screw type, M16; with yellow LED, 110 V AC/DC, 10 A

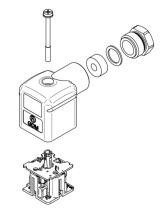
## **Technical Drawing**

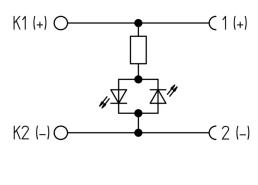


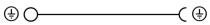












## **Technical Specifications**

## Product Life Cycle

Availability:	Active			
Technical Data				
Product Family:	Valve Connectors			
Product Sub Family:	GDM Standard			
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			
Replacement for:	ID: 934423003 Name: GDML 2016 LED 120 YE grau			
Rated Voltage:	120 V			
Rated Impulse Voltage:	4.0 kV (PCBA 2.0 kV)			
Operating Voltage:	110 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 mm <sup>2</sup>			
Suitable Cables:	Ø 4.5 - 9 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:	ategory: Ill 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**

#### **Additional Technical Data**

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	

#### Approvals

VDE:	Yes
SEV:	Yes

#### Safety & Environmental Compliance

Nata Davating:	
Notes	
RoHS Compliant:	Yes

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 Description		Gasket	Packaging	Replacement For
9348880	19 GDM21F6-L11-10D	1- Steel Screw, Combi Head	0 - Sold Separately	D - Collect packaging 50 pieces, assembled	ID: 934423002 Name: GDML 2016 LED 120 YE bk

© 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 regulations based on their individual usage of the product.