



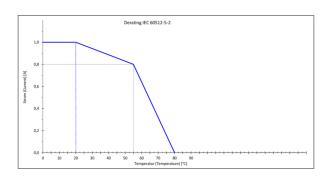
Product: GDM210B-D7U ☑

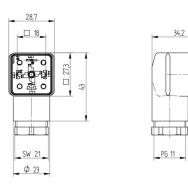
GDM Standard- 175301-803 (DIN 43650), Form A, 18mm, 2 Pole+Ground (Protective Earth), Black Housing, PG11 Black Gland Nut, PCBA with Half Wave Rectiifer and Diode, 250V | 1 A, Steel Center Screw, Bulk Packaging

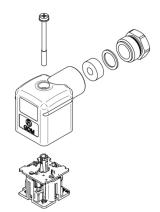
Product Description

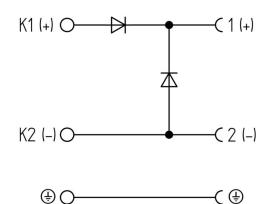
GDM Standard- 175301-803 (DIN 43650), Form A, 18mm, 2 Pole+Ground (Protective Earth), Black Housing, PG11 Black Gland Nut, PCBA with Half Wave Rectiifer and Diode, 250V | 1 A, Steel Center Screw, Bulk Packaging

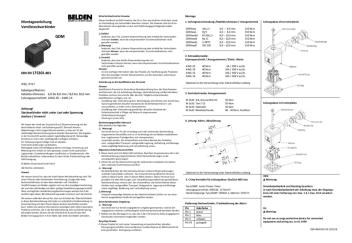
Technical Drawing











Technical Specifications

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			
Rated Voltage:	250 V			
Rated Impulse Voltage:	4.0 kV (PCBA 2.0 kV)			
Operating Voltage:	230 V DC			
Rated Current*:	1 A			
Contact Resistance:	≤ 10 mOhm			
Insulation Resistance:	> 10^9 Ohm			
Mating Cycles:	≤ 50			
Type of Connection:	Screw			
Cable Gland:	PG11			
Conductor Cross Section:	0.25 - 1.5 mm ²			
Suitable Cables:	Ø 4.5 - 11 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):	IL 94 HB				
Housing Material:	PA GF				
Housing Color:	Black				
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

Bridge Rectifier:	Half-Wave Rectifier
Protective Circuit:	Free Wheeling Diode

Additional Technical Data

Fastening Torque (Contact Screw):	(40-50) Ncm for conductor size 0.5 - 1.5 mm²; (30-40) Ncm for conductor size 0.34 mm²; (25-30) Ncm for conductor size 0.25 mm²		
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 and IP Rating per test standard IEC 60529 using a Hirschmann / Lumberg Automation mating product			
Protection Degree / IP Rating Note:				

Variants

Item #	Item Description	Central Screw	Gasket	Packaging	Replacement For
934888195	GDM210B-D7U-10D	1- Steel Screw, Combi Head	0 - Sold Separately	D - Collect packaging 50 pieces, assembled	ID: 932330100 Name: GDML 2011 GE 1 G

© 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.