



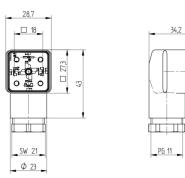
# Product: GDM310B-A0U-10F

GDM Standard DIN Standard Field Attachable Connector: Form A, 4-pin (3+1PE; PE across cable outlet), black housing, screw type, PG11; without circuitry, 230 V AC/DC, 16 A

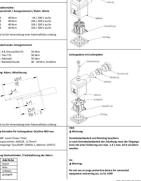
# **Product Description**

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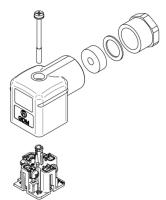
## **Technical Drawing**





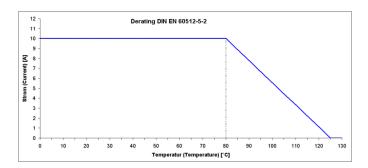


150 Ncm 150 Ncm 150 Ncm 150 Ncm 150 Ncm









# **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:	3+PE (PE across cable outlet)	
Coding:	A	
Shielding:	Unshielded	
Attachment Type:	Central Screw	
Replacement for:	ID: 931952100 Name: GDM 3011 schwarz	
Rated Impulse Voltage:	4.0 kV	
Operating Voltage:	230 V AC/DC	
Rated Current*:	16 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 mm²	
Suitable Cables:	Ø 4.5 - 11 mm	
Ambient Temperature (Operation)*:	*: -40 °C - +125 °C	
Protection Degree / IP Rating**:	IP65	
Design Standard:	DIN EN 175301-803-A, ISO 4400	
Pollution Degree:	egree: 3 acc. to DIN EN 60664-1 (VDE 0110-1)	
Clearance / Creepage Distance:	e / 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:	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

## **Additional Technical Data**

Fastening Torque (Contact Screw):	M3: (25-30) Ncm
Fastening Torque (Cable Gland):	(150-200) 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:	$^{\star\star}$ only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.
Note:	Do not connect or disconnect under load.

#### Variants

Item #	Item Description	Replacement For
934888107	GDM310B-A0U-10F	ID: 931952100 Name: GDM 3011 schwarz

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