



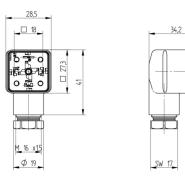
Product: GDM3106-A0U-10F

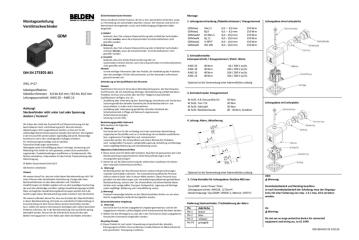
GDM Standard DIN Standard Field Attachable Connector: Form A, 4-pin (3+1PE; PE across cable outlet), black housing, screw type, M16; without circuitry, 230 V AC/DC, 16 A

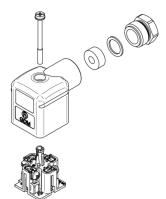
Product Description

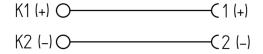
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Technical Drawing

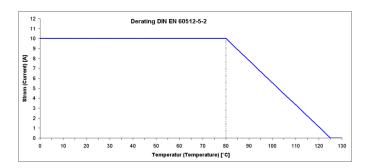












Technical Specifications

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:	3+PE (PE across cable outlet)		
Coding:	A		
Shielding:	Unshielded		
Attachment Type:	Central Screw		
Replacement for:	ID: 934395100 Name: GDM 3016 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:	M16		
Conductor Cross Section:	0.25 - 1.5 mm²		
Suitable Cables:	Ø 4.5 - 10 mm		
Ambient Temperature (Operation)*:	n)*: -40 °C - +125 °C		
Protection Degree / IP Rating**:	IP65		
Design Standard:	d: DIN EN 175301-803-A, ISO 4400		
Pollution Degree:	Degree: 3 acc. to DIN EN 60664-1 (VDE 0110-1)		
Clearance / Creepage Distance:	ce / Creepage Distance: DIN EN 60664-1 (2008/01); VDE 0110-1		
Overvoltage Category:	vervoltage 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:	** 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
934888101	GDM3106-A0U-10F	ID: 934395100 Name: GDM 3016 schwarz

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