

Product: [GDM310D-A0U-1KD](#)

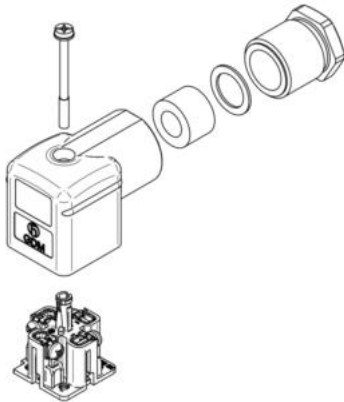
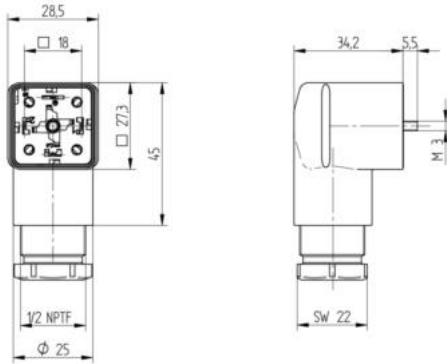


GDM Standard DIN Standard Field Attachable Connector: Form A, 4-pin (3+1PE; PE across cable outlet), black housing, screw type, 1/2" NPTF; without circuitry, 230 V AC/DC, 16 A

Product Description

GDM Standard DIN Standard Field Attachable Connector: Form A, 4-pin (3+1PE; PE across cable outlet), black housing, screw type, 1/2" NPTF; without circuitry, 230 V AC/DC, 16 A

Technical Drawing



Montageanleitung
Vorinstallationsanleitung

GDM

DIN EN 175305-003

PEL, IP 67

Leistungsfähigkeit:
Kabelstrom: 0,5/16-0,2 mm / 0,2/16-0,2 mm
Leistungsfähigkeit: 1600 W / 1600 W

Achtung!
Steckverbinder nicht unter Last oder Spannung montieren / trennen!

Die Installation erfolgt in der Regel mit einem Montage-Kit. Dieses besteht aus einem Gehäuse, einem Kabel, einem Stecker und einem Adapter. Die Installation erfolgt in der Regel mit einem Montage-Kit. Dieses besteht aus einem Gehäuse, einem Kabel, einem Stecker und einem Adapter.

Montage:
1. Das Gehäuse wird mit einem Schraubenschlüssel an der Wand montiert.
2. Das Kabel wird in das Gehäuse eingeführt.
3. Der Stecker wird in das Kabel eingesteckt.
4. Der Adapter wird in das Gehäuse eingeführt.

Leistungsfähigkeit:
Kabelstrom: 0,5/16-0,2 mm / 0,2/16-0,2 mm
Leistungsfähigkeit: 1600 W / 1600 W

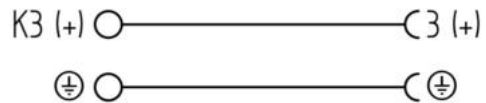
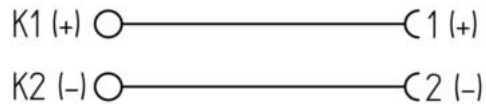
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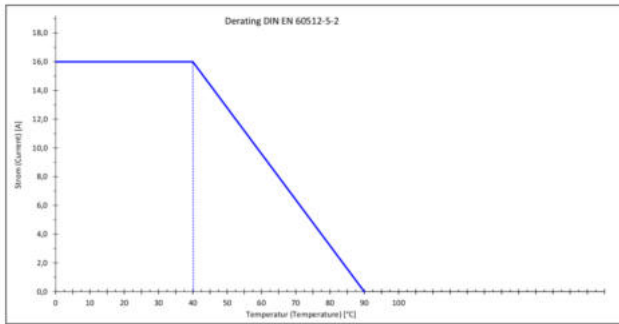
Einbauanleitung

Einbauanleitung:
1. Das Gehäuse wird mit einem Schraubenschlüssel an der Wand montiert.
2. Das Kabel wird in das Gehäuse eingeführt.
3. Der Stecker wird in das Kabel eingesteckt.
4. Der Adapter wird in das Gehäuse eingeführt.

Leistungsfähigkeit:
Kabelstrom: 0,5/16-0,2 mm / 0,2/16-0,2 mm
Leistungsfähigkeit: 1600 W / 1600 W

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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
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:	1/2" NPTF
Conductor Cross Section:	0.25 - 1.5 mm ²
Suitable Cables:	Ø 8 - 13.5 mm
Ambient Temperature (Operation)*:	-40 °C - +125 °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:	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:	NBR Captive

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
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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
18049	GDM310D-A0U-1KD

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