

Product: [GDM2106-S1Q-10D](#)

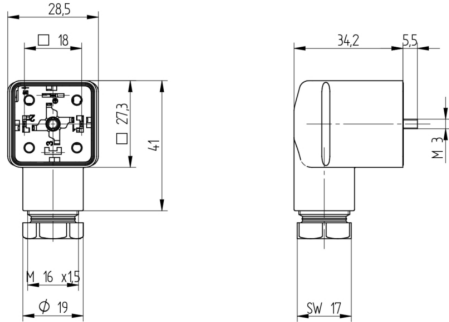
GDM Standard DIN Standard Field Attachable Connector: Form A, 3-pin (2+1PE; PE across cable outlet), black housing, screw type, M16; with supressor diode, 24 V AC/DC, 10 A



Product Description

GDM Standard DIN Standard Field Attachable Connector: Form A, 3-pin (2+1PE; PE across cable outlet), black housing, screw type, M16; with supressor diode, 24 V AC/DC, 10 A

Technical Drawing



DIN EN 175305-803

IP65, IP 67

Kabelquerschnitt: 0,5 mm² bis 2,5 mm² (SG) bis 30,0 mm² (LPG) (Leitungsquerschnitt: AWG 20 – AWG 14)

Achtung! Steckverbinder nicht unter Last oder Spannung stecken / remove!

Wir haben die Größe des Steckverbinder auf 28,5 mm (1,1") und die Steckverbinder Höhe auf 41 mm (1,6") geändert. Bitte beachten Sie, dass die Steckverbinder Höhe von 41 mm (1,6") auf 27,3 mm (1,1") geändert wurde. Bitte beachten Sie, dass die Steckverbinder Höhe von 41 mm (1,6") auf 27,3 mm (1,1") geändert wurde. Bitte beachten Sie, dass die Steckverbinder Höhe von 41 mm (1,6") auf 27,3 mm (1,1") geändert wurde.

Warnung: Bei Montage des Steckverbinder muss die Schutzkappe entfernt werden. Bitte beachten Sie, dass die Schutzkappe entfernt werden muss. Bitte beachten Sie, dass die Schutzkappe entfernt werden muss.

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Wichtige Hinweise
Bitte beachten Sie, dass die Schutzkappe entfernt werden muss. Bitte beachten Sie, dass die Schutzkappe entfernt werden muss. Bitte beachten Sie, dass die Schutzkappe entfernt werden muss.

1. Lieferumfang:
GDM2106-S1Q-10D 10 Stk
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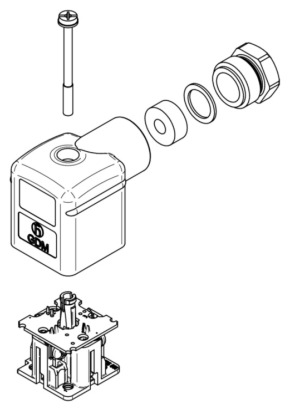
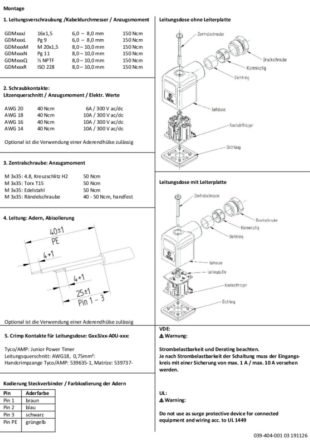
2. Technische Daten:
Umspannungsbereich / Anspannung / Elektr. Werte
AWG 20 40 Nm 64 / 300 V AC/DC
AWG 22 40 Nm 250 / 300 V AC/DC
AWG 24 40 Nm 150 / 300 V AC/DC
AWG 26 40 Nm 100 / 300 V AC/DC

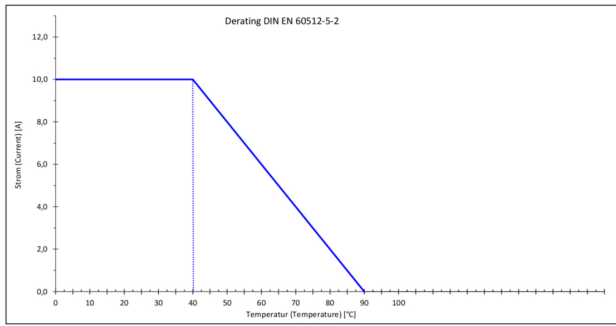
3. Bestellinformationen:
M 30x1,6, 30x1,6x12 30 Nm
M 30x1,6, 30x1,6x12 30 Nm
M 30x1,6, 30x1,6x12 30 Nm

4. Lieferung:
Lieferung in 10er Packung
Lieferung in 10er Packung
Lieferung in 10er Packung

Optionen:
Option 1: M 30x1,6, 30x1,6x12 30 Nm
Option 2: M 30x1,6, 30x1,6x12 30 Nm
Option 3: M 30x1,6, 30x1,6x12 30 Nm

5. Montage:
Die Montage des Steckverbinder muss die Schutzkappe entfernt werden. Bitte beachten Sie, dass die Schutzkappe entfernt werden muss. Bitte beachten Sie, dass die Schutzkappe entfernt werden muss.





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 Impulse Voltage:	4.0 kV (PCBA 2.0 kV)
Operating Voltage:	24 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 ²
Suitable Cables:	Ø 4.5 - 9 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:	Sold separately

Protection Circuitry

Protective Circuit:	Supressor diode
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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
934888025	GDM2106-S1Q-10D

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