

Product: [GDM210A-V3S-10D](#)

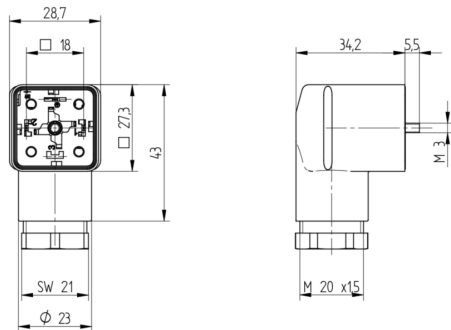


GDM Standard DIN Standard Field Attachable Connector: Form A, 3-pin (2+1PE; PE across cable outlet), black housing, screw type, M20; with bridge rectifier and varistor, 110 V AC/DC, 1 A

Product Description

GDM Standard DIN Standard Field Attachable Connector: Form A, 3-pin (2+1PE; PE across cable outlet), black housing, screw type, M20; with bridge rectifier and varistor, 110 V AC/DC, 1 A

Technical Drawing



Montageanleitung
Ventilsteckerhinder

GDM

DIN EN 175305-803

IP65, IP 67

Kabelfunktion:
Kabellänge: 0,5 bis 0,8 mm (50 bis 80 mm)
Leitungsart: AWG 20 - AWG 14

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

Wir haben die Kabel mit einer Schutzart und Überstromsicherung mit der Anschlussart und den Leitungen geprüft. Dennoch können Abweichungen durch unzureichende Überstromsicherung auftreten. In der Regel sind die Kabel mit einer Schutzart und Überstromsicherung in der Steckdose zu stecken. Bitte beachten Sie, dass die Steckdose nicht überlastet werden darf. Bitte beachten Sie, dass die Steckdose nicht überlastet werden darf. Bitte beachten Sie, dass die Steckdose nicht überlastet werden darf.

Wichtig:
Steckerhinder nicht unter Last oder Spannung stecken / remove!

Sicherheitsrelevante Hinweise

Bitte beachten Sie, dass die Kabel mit einer Schutzart und Überstromsicherung mit der Anschlussart und den Leitungen geprüft sind. Dennoch können Abweichungen durch unzureichende Überstromsicherung auftreten. In der Regel sind die Kabel mit einer Schutzart und Überstromsicherung in der Steckdose zu stecken. Bitte beachten Sie, dass die Steckdose nicht überlastet werden darf. Bitte beachten Sie, dass die Steckdose nicht überlastet werden darf.

1. Leistungsbeschreibung, Produktkennwerte / Anzeigergebnis

GDM200	100-15	0,5 - 0,8 mm	100 Nm
GDM200	100-15	0,5 - 0,8 mm	100 Nm
GDM200	100-15	0,5 - 0,8 mm	100 Nm
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GDM200	100-15	0,5 - 0,8 mm	100 Nm

2. Schutzfunktion:
Überspannungsschutz / Anzeigergebnis / Fehler / Werte

AWG 20	40 Nm	64 / 300 V a.c./d.c.
AWG 18	40 Nm	100 / 300 V a.c./d.c.
AWG 16	40 Nm	150 / 300 V a.c./d.c.
AWG 14	40 Nm	200 / 300 V a.c./d.c.

3. Betriebsdaten-Angebot:

M 300	4,5	100 Nm
M 300	100	100 Nm
M 300	100	100 Nm
M 300	100	100 Nm

4. Leistung: Adress, Ablesung

Option 1: 100 Nm

Option 2: 100 Nm

Option 3: 100 Nm

Option 4: 100 Nm

Option 5: 100 Nm

Option 6: 100 Nm

Option 7: 100 Nm

Option 8: 100 Nm

Option 9: 100 Nm

Option 10: 100 Nm

Option 11: 100 Nm

Option 12: 100 Nm

Option 13: 100 Nm

Option 14: 100 Nm

Option 15: 100 Nm

Option 16: 100 Nm

Option 17: 100 Nm

Option 18: 100 Nm

Option 19: 100 Nm

Option 20: 100 Nm

Option 21: 100 Nm

Option 22: 100 Nm

Option 23: 100 Nm

Option 24: 100 Nm

Option 25: 100 Nm

Option 26: 100 Nm

Option 27: 100 Nm

Option 28: 100 Nm

Option 29: 100 Nm

Option 30: 100 Nm

Option 31: 100 Nm

Option 32: 100 Nm

Option 33: 100 Nm

Option 34: 100 Nm

Option 35: 100 Nm

Option 36: 100 Nm

Option 37: 100 Nm

Option 38: 100 Nm

Option 39: 100 Nm

Option 40: 100 Nm

Option 41: 100 Nm

Option 42: 100 Nm

Option 43: 100 Nm

Option 44: 100 Nm

Option 45: 100 Nm

Option 46: 100 Nm

Option 47: 100 Nm

Option 48: 100 Nm

Option 49: 100 Nm

Option 50: 100 Nm

Option 51: 100 Nm

Option 52: 100 Nm

Option 53: 100 Nm

Option 54: 100 Nm

Option 55: 100 Nm

Option 56: 100 Nm

Option 57: 100 Nm

Option 58: 100 Nm

Option 59: 100 Nm

Option 60: 100 Nm

Option 61: 100 Nm

Option 62: 100 Nm

Option 63: 100 Nm

Option 64: 100 Nm

Option 65: 100 Nm

Option 66: 100 Nm

Option 67: 100 Nm

Option 68: 100 Nm

Option 69: 100 Nm

Option 70: 100 Nm

Option 71: 100 Nm

Option 72: 100 Nm

Option 73: 100 Nm

Option 74: 100 Nm

Option 75: 100 Nm

Option 76: 100 Nm

Option 77: 100 Nm

Option 78: 100 Nm

Option 79: 100 Nm

Option 80: 100 Nm

Option 81: 100 Nm

Option 82: 100 Nm

Option 83: 100 Nm

Option 84: 100 Nm

Option 85: 100 Nm

Option 86: 100 Nm

Option 87: 100 Nm

Option 88: 100 Nm

Option 89: 100 Nm

Option 90: 100 Nm

Option 91: 100 Nm

Option 92: 100 Nm

Option 93: 100 Nm

Option 94: 100 Nm

Option 95: 100 Nm

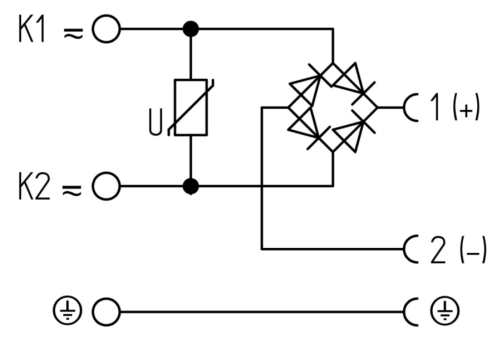
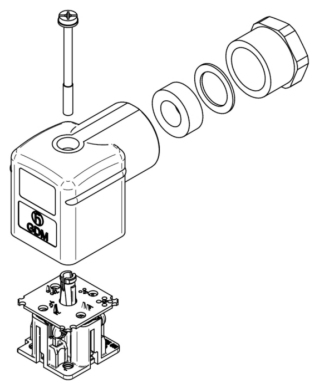
Option 96: 100 Nm

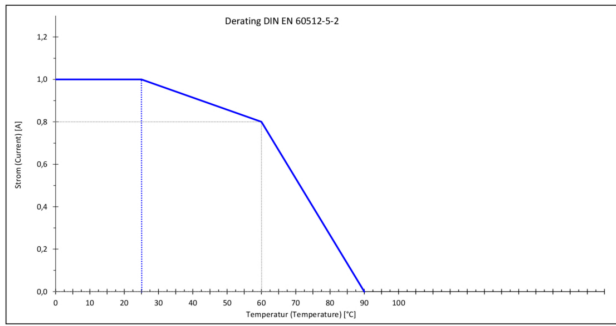
Option 97: 100 Nm

Option 98: 100 Nm

Option 99: 100 Nm

Option 100: 100 Nm





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:	110 V AC/DC
Rated Current*:	1 A
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 ⁹ Ohm
Mating Cycles:	≤ 50
Type of Connection:	Screw
Cable Gland:	M20
Conductor Cross Section:	0.25 - 1.5 mm ²
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:	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

Bridge Rectifier:	yes
Protective Circuit:	Varistor

Additional Technical Data

Fastening Torque (Contact Screw):	(40-50) Ncm for conductor size 0.25 - 1.5 mm ² ; (30-40) Ncm for conductor size 0.34 mm ² ; (25-30) Ncm for conductor size 0.25 mm ²
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
934888073	GDM210A-V3S-10D

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