

Product: [GDM21F6-C4Y-10D](#)

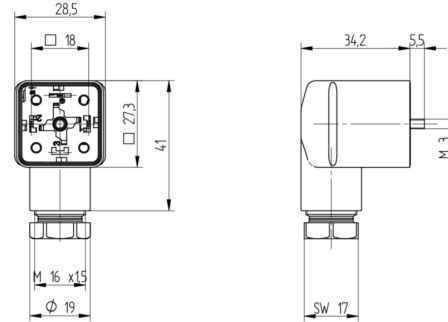
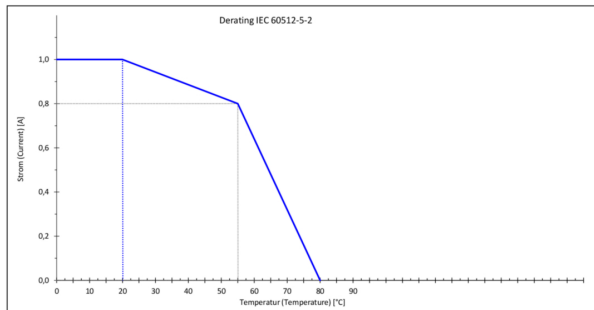


GDM Standard DIN Standard Field Attachable Connector: Form A, 3-pin (2+1PE; PE across cable outlet), transparent housing, screw type, M16; with bridge rectifier, varistor, capacitor and yellow LED, 230 V AC/DC, 1 A

Product Description

GDM Standard DIN Standard Field Attachable Connector: Form A, 3-pin (2+1PE; PE across cable outlet), transparent housing, screw type, M16; with bridge rectifier, varistor, capacitor and yellow LED, 230 V AC/DC, 1 A

Technical Drawing



Montageanleitung Ventilsteckverbinder



GDM
DIN EN 175305-403
PES, IP 67
Kabellänge: 6,0 bis 8,0 mm / 8,0 bis 30,0 mm
Leistungsschnitz: AWG 22 – AWG 14

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

Bei Vorhandensein des Druckluftschalters (Druckluftschalter) ist die Installation mit der Druckluftschalter (Druckluftschalter) zu vermeiden. Bei Vorhandensein des Druckluftschalters (Druckluftschalter) ist die Installation mit der Druckluftschalter (Druckluftschalter) zu vermeiden. Bei Vorhandensein des Druckluftschalters (Druckluftschalter) ist die Installation mit der Druckluftschalter (Druckluftschalter) zu vermeiden.

Wissen:
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Technische Merkmale:
Dieses Produkt ist ein Ventilsteckverbinder, der für die Verwendung in der Druckluftschalter (Druckluftschalter) geeignet ist. Das Produkt ist aus Kunststoff gefertigt und ist für die Verwendung in der Druckluftschalter (Druckluftschalter) geeignet. Das Produkt ist für die Verwendung in der Druckluftschalter (Druckluftschalter) geeignet.

Montage:
1. Leuchteinschraubung, Kabelschraubung / Anbringen
2. Kabelschraubung, Kabelschraubung / Anbringen
3. Kabelschraubung, Kabelschraubung / Anbringen
4. Kabelschraubung, Kabelschraubung / Anbringen

Leistungsschraubung, Kabelschraubung / Anbringen:
GDM21 10A 1.5 0.5 - 0.5 mm 100 Nm
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Kabelschraubung, Kabelschraubung / Anbringen:
AWG 22 40 Nm 5A / 200 V AC/DC
AWG 18 40 Nm 5A / 200 V AC/DC
AWG 16 40 Nm 5A / 200 V AC/DC
AWG 14 40 Nm 5A / 200 V AC/DC

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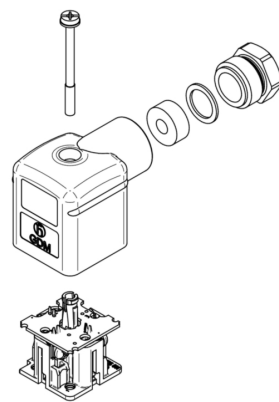
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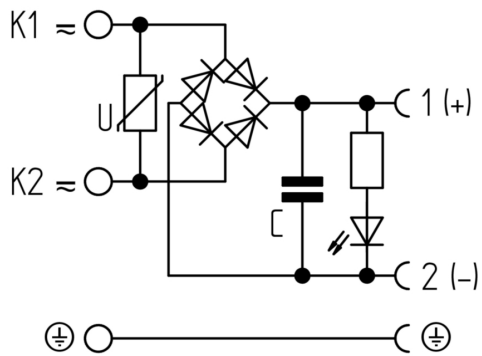
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Technical Specifications

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:	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:	230 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:	M16
Conductor Cross Section:	0.25 - 1.5 mm²
Suitable Cables:	Ø 4.5 - 9 mm
Ambient Temperature (Operation)*:	-25°C to +80°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:	Translucent
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

Function Indicator:	Yellow LED
Bridge Rectifier:	yes
Protective Circuit:	Varistor and Capacitor

Additional Technical Data

Fastening Torque (Contact Screw):	(40-50) Ncm for conductor size 0.25 - 1.5 mm²; (30-40) Ncm for conductor size 0.34 mm²; (25-30) Ncm for conductor size 0.25 mm²
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
934888009	GDM21F6-C4Y-10D

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