

Product: [GDM31F9-L14-10D](#)

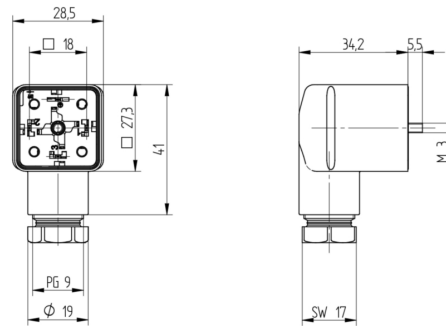
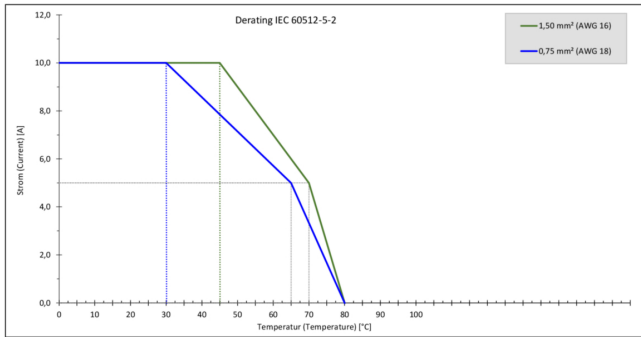


GDM Standard DIN Standard Field Attachable Connector: Form A, 4-pin (3+1PE; PE across cable outlet), transparent housing, screw type, PG9; with yellow LED, 24 V AC/DC, 10 A

Product Description

GDM Standard DIN Standard Field Attachable Connector: Form A, 4-pin (3+1PE; PE across cable outlet), transparent housing, screw type, PG9; with yellow LED, 24 V AC/DC, 10 A

Technical Drawing



Montageanleitung
Ventilsteckverbinder

GDM

DIN EN 175305-403

PEL, IP 67

Kabelquerschnitt:
Kabelkennzeichnung: 6,0 bis 8,0 mm² / 8,0 bis 30,0 mm
Leitungsquerschnitt: AWG 22 – AWG 14

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

Bei Vorhandensein des Druckluftschalters (Druckluftschalter) ist die Verwendung von Druckluftschaltern (Druckluftschalter) zu vermeiden. Bei Verwendung von Druckluftschaltern (Druckluftschalter) ist die Verwendung von Druckluftschaltern (Druckluftschalter) zu vermeiden. Bei Verwendung von Druckluftschaltern (Druckluftschalter) ist die Verwendung von Druckluftschaltern (Druckluftschalter) zu vermeiden.

Wissen:
Bei Verwendung von Druckluftschaltern (Druckluftschalter) ist die Verwendung von Druckluftschaltern (Druckluftschalter) zu vermeiden. Bei Verwendung von Druckluftschaltern (Druckluftschalter) ist die Verwendung von Druckluftschaltern (Druckluftschalter) zu vermeiden.

Technische Merkmale

Dieser Verbinder erfüllt die Anforderungen an die Sicherheit, sowie die Vermeidung von Fehlbedienungen. Der Verbinder ist für den Einsatz in der Industrie geeignet und ist nach IEC 60512-5-2 (AWG 22 – AWG 14) geprüfter Verbinder.

Leistung:
Leistung: 10 A / 24 V AC/DC

Material:
Material: Kunststoff (PEL, IP 67)

Farbe:
Farbe: Gelb

Optionen:
Optionen: Druckluftschalter (Druckluftschalter)

1. Leistungsüberwachung, Kabelkennzeichnung / Anmerkungen

GDM-Modell	Strom	Spannung	Leistung
GDM31F9-L14-10D	10 A	24 V AC/DC	240 W
GDM31F9-L14-10D	10 A	24 V AC/DC	240 W
GDM31F9-L14-10D	10 A	24 V AC/DC	240 W
GDM31F9-L14-10D	10 A	24 V AC/DC	240 W
GDM31F9-L14-10D	10 A	24 V AC/DC	240 W

2. Steckverbinder, Kabelkennzeichnung / Anmerkungen / Daten, Werte

AWG	Strom	Spannung	Leistung
AWG 22	10 A	24 V AC/DC	240 W
AWG 18	10 A	24 V AC/DC	240 W
AWG 16	10 A	24 V AC/DC	240 W
AWG 14	10 A	24 V AC/DC	240 W

3. Steckverbinder, Anmerkungen

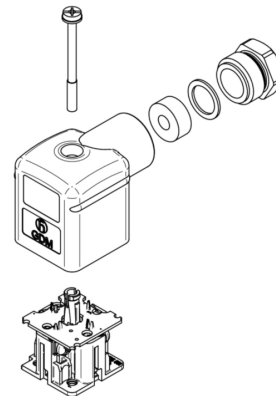
AWG	Strom	Spannung	Leistung
M 3x1/2 - 4,8	10 A	24 V AC/DC	240 W
M 3x1/2 - 12,5	10 A	24 V AC/DC	240 W
M 3x1/2 - 12,5	10 A	24 V AC/DC	240 W
M 3x1/2 - 12,5	10 A	24 V AC/DC	240 W

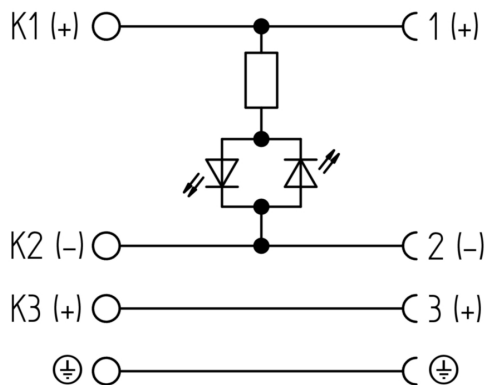
4. Leistung, Anmerkungen

Leistung: 10 A / 24 V AC/DC

5. Crimp Kontakte für Leitungsdrähte: Druckluftschalter

Druckluftschalter: Druckluftschalter





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 (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:	PG9
Conductor Cross Section:	0.25 - 1.5 mm²
Suitable Cables:	Ø 4.5 - 10 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
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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
934888159	GDM31F9-L14-10D

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