

Product: GDM21AJ-A0U-1KD

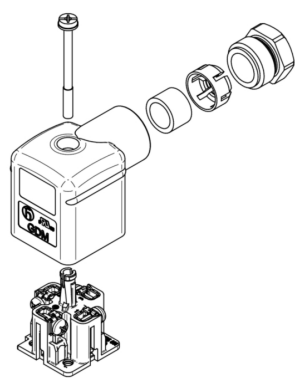
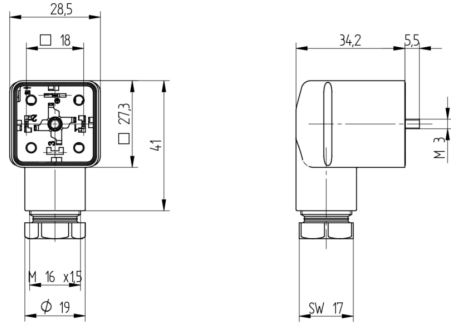


GDM Standard DIN Standard Field Attachable Connector: Form A, 3-pin (2+1PE; PE across cable outlet), UL 2238, black housing, screw type, M16 with strain relief; without circuitry, 230 V AC/DC, 10 A

Product Description

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Technical Drawing



Montageanleitung Ventillöseneinrichter

BELDEN GDM

DIN EN 175305-803

PH 5, 16/17

Kabelspezifikation
Kabeldurchmesser: 0,5 bis 0,8 mm; SD 0 bis 10,0 mm
Leitungseigenschaften: AWG 20 – AWG 14

Achtung!
Stecker/Einstecker nicht unter Last oder Spannung stecken / remove!

Wir freuen uns über Ihre Rückmeldung und Zusammenarbeit mit der Entwicklung neuer und bestehender Produkte. Bitte beachten Sie, dass wir nicht für Schäden an Mensch oder Sachanlage verantwortlich sind. Die Produktdokumentation ist eine Richtlinie für die Verwendung des Produkts. Bei Änderungen der Produktdokumentation wird dies durch eine entsprechende Kennzeichnung auf dem Produkt und die Produktdokumentation an den Kunden mitgeteilt. Die Produktdokumentation ist eine Richtlinie für die Verwendung des Produkts. Bei Änderungen der Produktdokumentation wird dies durch eine entsprechende Kennzeichnung auf dem Produkt und die Produktdokumentation an den Kunden mitgeteilt.

Wichtig

1. Leistungsbereich: Produktformfaktor / Anzeigebereich

GDM200	100 x 5	0,5 – 0,8 mm	10/16 Nm
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2. Schutzklasse:
Überspannungsbereich / Anzeigebereich / Fehler-Werte

AWG 20	40 Nm	64 / 300 V a.c./d.c.
AWG 22	40 Nm	250 / 300 V a.c./d.c.
AWG 24	40 Nm	500 / 300 V a.c./d.c.
AWG 26	40 Nm	1000 / 300 V a.c./d.c.

3. Betriebsbereich: **Überspannungsbereich**

UL 2238	100 x 5	0,5 – 0,8 mm	10/16 Nm
UL 2238	100 x 5	0,5 – 0,8 mm	10/16 Nm

4. Leistung: **Adress-Abfragerung**

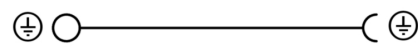
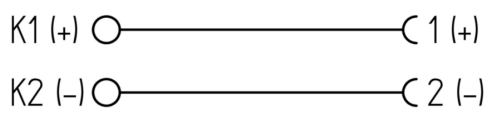
Optionen

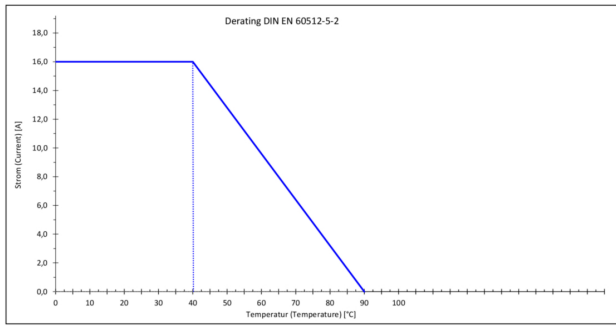
1. C-Form Gehäuse für Leitungsbereich: **Deckblech A00** aus
 Typ/Modell: Junior Power Trainer
 Leitungsbereich: **DE0001**, **DE0002**, **DE0003**
 Hersteller-Nr.: Typ/Modell: **1500000**, **1500001**, **1500002**

Kabelspezifikation / Verkabelung der Adress-Abfragerung

Pin	Adress-Abfragerung
Pin 1	Null
Pin 2	Null
Pin 3	Adress-Abfragerung
Pin 4	Adress-Abfragerung

IC: **Achtung!**
Do not use as surge protective device for connected equipment according to UL 518B





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 Voltage (UL):	300 V
Rated Voltage (CSA):	300 V
Rated Impulse Voltage:	4.0 kV
Operating Voltage:	230 V AC/DC
Rated Current*:	10 A
Rated Current (UL)*:	10 A
Rated Current (CSA)*:	8 A
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 ⁹ Ohm
Mating Cycles:	≤ 50
Type of Connection:	Screw
Cable Gland:	M16 with strain relief
Conductor Cross Section:	0.25 - 1.5 mm ²
Strain-Relief:	Clamping Cage
Suitable Cables:	Ø 6 - 8 mm
Ambient Temperature (Operation)*:	-40 °C - +125 °C
Operating Temperature (UL):	max. + 75 °C
Operating Temperature (CSA):	max. + 75 °C
Protection Degree / IP Rating**:	IP65, IP67
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 (cURus)
Flammability Class (Housing):	UL 94 5VA
Cable Gland Material:	PA GF
Cable Gland Gasket:	NBR
Cable Gland Color:	Black
Strain-Relief Material:	PA GF
Attachment Material:	Steel, Phillips 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

UL-File:	E315587
UL:	UL 2238; cURus
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
18052	GDM21AJ-A0U-1KD

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