

Product: [GDS 207 black](#)

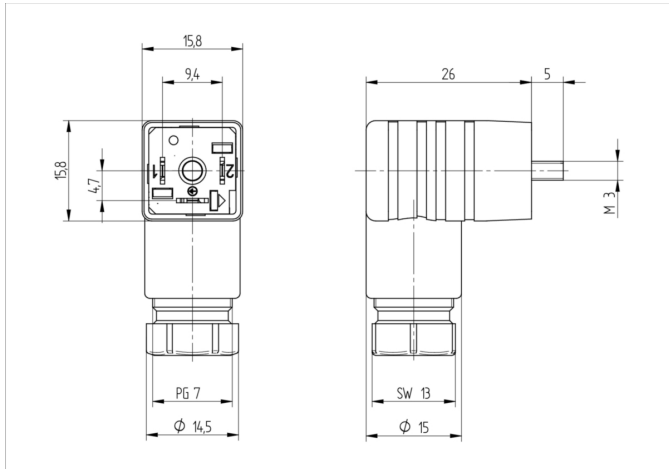


GM Industrial Standard Field Attachable Connector: Form C, 3-pin (2+1PE; PE across cable outlet), UL 1977, black housing, screw type, PG7; without circuitry, 230 V AC/DC, 6 A

Product Description

GM Industrial Standard Field Attachable Connector: Form C, 3-pin (2+1PE; PE across cable outlet), UL 1977, black housing, screw type, PG7; without circuitry, 230 V AC/DC, 6 A

Technical Drawing



Montageanleitung
Feldanschlusskabel
GDS (N) Steckverbinder

GDS ...
IP 65
Kabelquerschnitt: 4,5 - 6,0 mm²
Leitungsquerschnitt: 0,14 mm² - 0,75 mm²

Achtung!
Nicht unter Last stecken/ziehen!

Bitte beachten Sie:
Der Stecker darf nur für den bestimmungsgemäßen Einsatz verwendet werden. Ein Einsatz für andere Zwecke ist nicht zulässig. Die Verwendung für andere Zwecke ist ausdrücklich untersagt. Die Haftung für Schäden, die durch einen unzulässigen Einsatz entstehen, ist ausgeschlossen. Die Haftung für Schäden, die durch einen unzulässigen Einsatz entstehen, ist ausgeschlossen. Die Haftung für Schäden, die durch einen unzulässigen Einsatz entstehen, ist ausgeschlossen.

Wissen
Die Montageanleitung ist ein Dokument, das die Montageanleitung für den Einsatz des Produkts enthält. Die Montageanleitung ist ein Dokument, das die Montageanleitung für den Einsatz des Produkts enthält. Die Montageanleitung ist ein Dokument, das die Montageanleitung für den Einsatz des Produkts enthält.

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Assembly Instructions
Field attachable (GDS(N)) Connector

GDS ...
IP 65
Cable diameter: 4.5 - 6.0 mm
Conductor size: 0.14 mm² - 0.75 mm²

CAUTION!
Do not insert/remove under load!

Please note:
The connector is only for use as intended. Use for other purposes is not permitted. Use for other purposes is expressly prohibited. Liability for damage caused by unauthorized use is excluded. Liability for damage caused by unauthorized use is excluded. Liability for damage caused by unauthorized use is excluded.

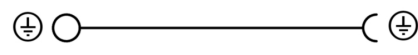
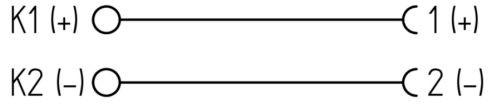
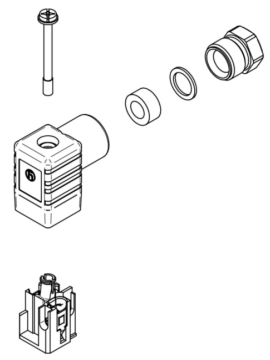
Notes
The assembly manual is a document that contains the assembly instructions for the product. The assembly manual is a document that contains the assembly instructions for the product. The assembly manual is a document that contains the assembly instructions for the product.

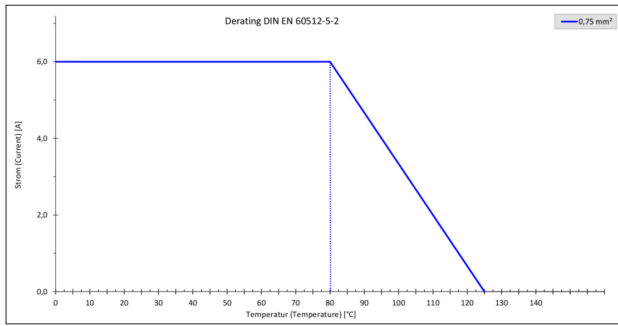
BELDEN
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Technical Specifications

Technical Data

Product Family:	Valve Connectors
Product Sub Family:	GDS Industrial 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:	C
Shielding:	Unshielded
Attachment Type:	Central Screw
Rated Voltage:	250 V AC/DC
Rated Voltage (UL):	250 V
Rated Voltage (CSA):	300 V
Rated Impulse Voltage:	4.0 kV
Operating Voltage:	230 V AC/DC
Rated Current*:	6 A
Rated Current (UL)*:	6 A
Rated Current (CSA)*:	6 A
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 ⁹ Ohm
Mating Cycles:	≤ 50
Type of Connection:	Screw
Cable Gland:	PG7
Conductor Cross Section:	0.25 - 0.75 mm ²
Suitable Cables:	Ø 4.5 - 6 mm
Ambient Temperature (Operation)*:	-40 °C - +125 °C
Operating Temperature (UL):	max. + 65 °C
Operating Temperature (CSA):	max. + 65 °C
Protection Degree / IP Rating**:	IP65
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 V-2

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
Flammability Class (Cable Gland):	UL 94 HB
Attachment Material:	Steel, Philips combi slot

Additional Technical Data

Fastening Torque (Contact Screw):	M3: (25-30) Ncm
Fastening Torque (Cable Gland):	(150-200) Ncm
Fastening Torque (Attachment):	(40-50) Ncm

Approvals

UL-File:	E95522
UL:	UL 1977; UR
VDE:	yes
CSA:	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
933138100	GDS 207 black

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