

Product: [GDS 307 black](#)

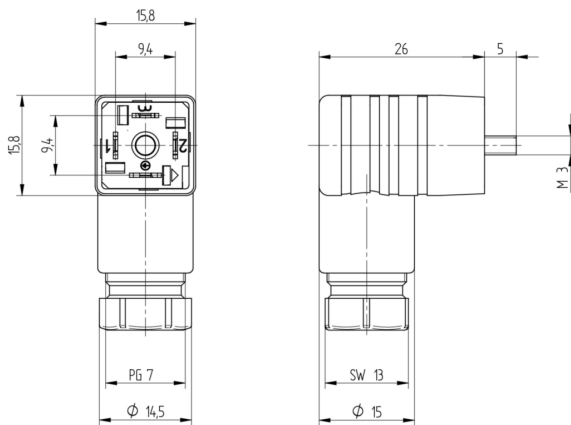


GM Industrial Standard Field Attachable Connector: Form C, 4-pin (3+1PE; PE across cable outlet), UL 1977, black housing, screw type, PG7; without circuitry, 230 V AC/DC, 6 A

Product Description

GM Industrial Standard Field Attachable Connector: Form C, 4-pin (3+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 ...
GDSN ...

IP 65
Kabelschneise Ø 4,5 - Ø 6,0 mm
Leistungsschnitt 0,34 mm² - 0,75 mm²

Achtung!
Nicht unter Last stecken/ziehen!

Einbauhinweise:
1. Die Kabelschneise muss sauber und ohne Beschädigung sein.
2. Die Kabelschneise muss in die Schneise des Steckers eingesteckt werden.
3. Der Stecker muss fest aufgedrückt werden, bis er hörbar einrastet.
4. Der Stecker muss mit einem Schraubendreher festgezogen werden, bis er fest sitzt.
5. Der Stecker muss mit einem Schraubendreher festgezogen werden, bis er fest sitzt.

Abmessungen:
1. Die Länge des Steckers beträgt 26 mm.
2. Die Breite des Steckers beträgt 15,8 mm.
3. Die Höhe des Steckers beträgt 9,4 mm.
4. Die Tiefe des Steckers beträgt 9,4 mm.
5. Die Länge der Kabelschneise beträgt 13 mm.
6. Der Durchmesser der Kabelschneise beträgt 15 mm.

Assembly Instructions
Field attachable (GDS/N) Connector

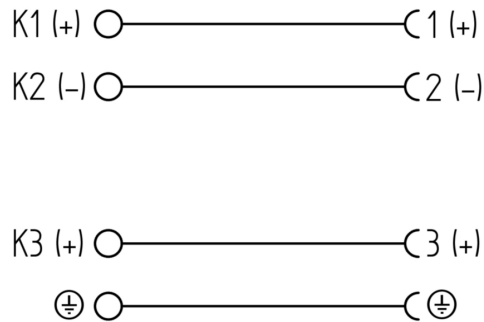
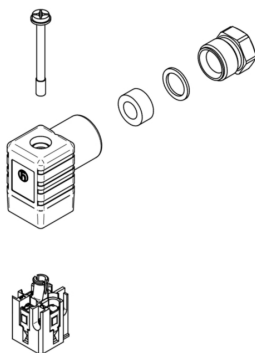
GDS ...
GDSN ...

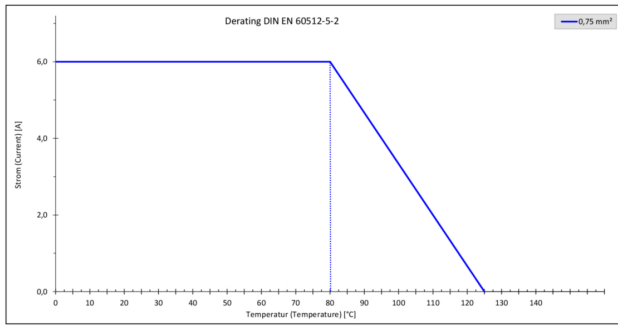
IP 65
Cable diameter Ø 4.5 - Ø 6.0 mm
Conductor size 0.34 mm² - 0.75 mm²

CAUTION!
Not for current interrupting!

Notes:
1. The cable jacket must be clean and free of damage.
2. The cable jacket must be inserted into the connector housing.
3. The connector must be pushed onto the cable jacket until it is fully seated.
4. The connector must be tightened with a screwdriver until it is fully seated.

Notes:
1. The connector must be used in accordance with the instructions.
2. The connector must be used in accordance with the instructions.
3. The connector must be used in accordance with the instructions.
4. The connector must be used in accordance with the instructions.
5. The connector must be used in accordance with the instructions.
6. The connector must be used in accordance with the instructions.





Technical Specifications

Technical Data

Product Family:	Valve Connectors
Side 1 Product Sub Family:	GDS Industrial Standard
Brand:	Hirschmann
Connector Type:	Field attachable
Side 1 Type of Contact/Gender:	Female
Connector Design:	Angled
Number of Pins:	3+PE (PE across cable outlet)
Coding, Side 1:	C
Shielding Type:	Unshielded
Attachment Type:	Central Screw
Voltage Rating:	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
Current Rating:	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
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
Side 1 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
-----------------	-----

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
933024100	GDS 307 black

© 2025 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.