

**Product: [GDS 207 black](#)**

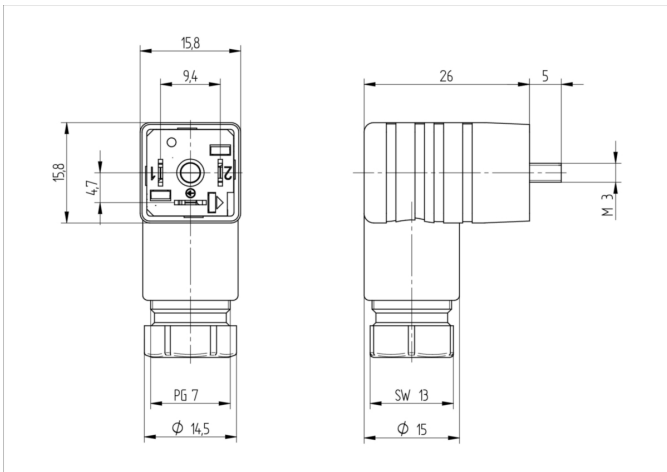


GM Industrial Standard Field Attachable Connector: Form C, 3-pin (2+1PE; PE across cable outlet), UL 1977, black housing, screw type, PG7; without circuitry, 230 V AC/DC, 6 A

**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**  
**Falschmontieren ist verboten**  
**GDS (N) Steckverbinder**

**GDS ...**

**IP 65**

**Kabelspezifikation:**  
Kabelquerschnitt: 0,45 - 0,60 mm<sup>2</sup>  
Leitungsquerschnitt: 0,34 mm<sup>2</sup> - 0,75 mm<sup>2</sup>

**Achtung!**  
**Nicht unter Last stecken/ziehen!**

**Wissen:**  
Das Gehäuse ist nicht für die Montage von Leiterplatten geeignet. Die Montage von Leiterplatten ist nur über einen separaten Adapter möglich. Die Montage von Leiterplatten ist nur über einen separaten Adapter möglich. Die Montage von Leiterplatten ist nur über einen separaten Adapter möglich.

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**Belden**

**Qualitätsmanagement**  
Das Qualitätsmanagement des Herstellers ist nach ISO 9001:2015 zertifiziert. Die Produktion erfolgt in einer ISO 14001:2015 zertifizierten Fabrik.

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**Assembly Instructions**  
**Field attachable GDS(N) Connector**

**GDS ...**

**IP 65**

**Cable specification:**  
Cable diameter: 0,45 - 0,60 mm<sup>2</sup>  
Conductor size: 0,34 mm<sup>2</sup> - 0,75 mm<sup>2</sup>

**CAUTION!**  
**Not for current interrupting!**

**Warning:**  
Do not insert the connector into the cable outlet while the connector is under load. This may damage the connector and the cable.

**Warning:**  
Do not use the connector in applications where it is exposed to high temperatures or high humidity.

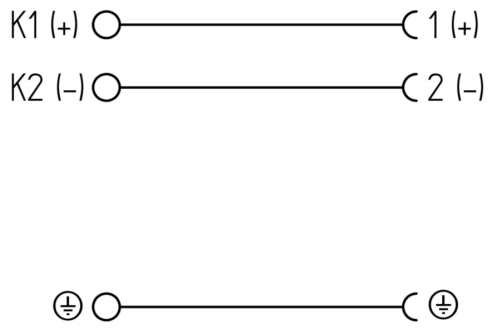
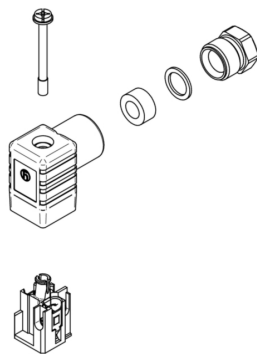


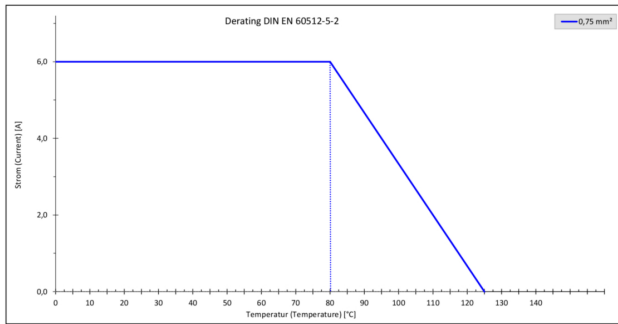
**Belden**

**Quality Management**  
The manufacturer's quality management system is certified according to ISO 9001:2015. The production takes place in an ISO 14001:2015 certified factory.

**Warning:**  
Do not insert the connector into the cable outlet while the connector is under load. This may damage the connector and the cable.

**Warning:**  
Do not use the connector in applications where it is exposed to high temperatures or high humidity.





## 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 <sup>9</sup> Ohm
Mating Cycles:	≤ 50
Type of Connection:	Screw
Cable Gland:	PG7
Conductor Cross Section:	0.25 - 0.75 mm <sup>2</sup>
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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