



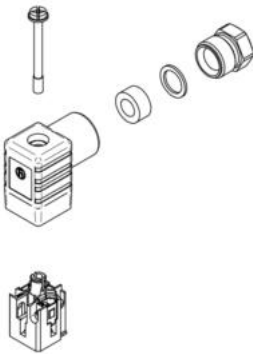
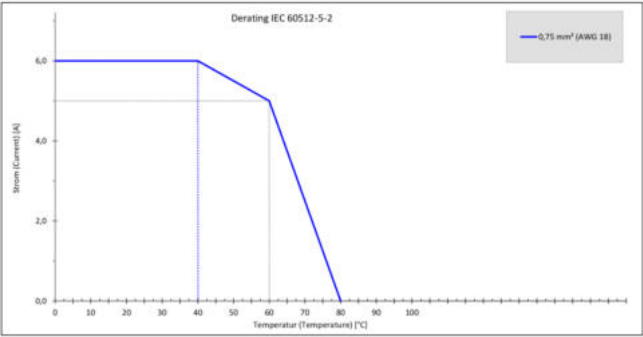
**Product:** [GDSN 207](#)

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

**Technical Drawing**



**Montageanleitung**  
**Feldanschlusskabel**  
**GDSN (2N) Steckverbinder**



**GDSN ...**

**PE:**  
Kabeltyp: PE  
Kabelquerschnitt: Ø 4.5 - Ø 6.3 mm  
Kabelspannung: 0.25 mm² - 0.75 mm²

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

**Wichtig:**  
Vor dem Einstecken des Kabels muss die Polung des Kabels überprüft werden. Die Polung des Kabels muss mit der Polung des Steckers übereinstimmen. Andernfalls kann es zu Schäden am Kabel oder am Stecker kommen.

**Einbau:**  
Das Kabel muss in den Stecker eingesteckt werden. Das Kabel muss bis zum Anschlag eingesteckt werden. Das Kabel muss bis zum Anschlag eingesteckt werden.

**Abbau:**  
Das Kabel muss aus dem Stecker gezogen werden. Das Kabel muss bis zum Anschlag gezogen werden. Das Kabel muss bis zum Anschlag gezogen werden.

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Das Kabel muss aus dem Stecker gezogen werden. Das Kabel muss bis zum Anschlag gezogen werden. Das Kabel muss bis zum Anschlag gezogen werden.

**Assembly Instructions**  
**Field attachable (GDSN) Connector**



**GDSN ...**

**PE:**  
Cable specification:  
Cable diameter: Ø 4.5 - Ø 6.3 mm  
Conductor size: 0.25 mm² - 0.75 mm²

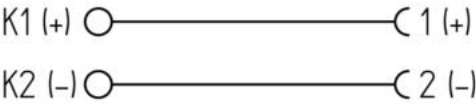
**CAUTION:**  
Not for current interrupting!

**Warning:**  
Do not connect the cable to the connector while the connector is energized. This may cause a short circuit and damage the connector.

**Assembly:**  
The cable must be inserted into the connector. The cable must be inserted until it is fully seated. The cable must be inserted until it is fully seated.

**Disassembly:**  
The cable must be removed from the connector. The cable must be removed until it is fully seated. The cable must be removed until it is fully seated.

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**Technical Specifications**

**Technical Data**

Product Family:	Valve Connectors
Product Sub Family:	GDSN DIN 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 mm²
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
Design Standard:	DIN EN 175301-803-C, 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 V-2
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:	grey
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
933137112	GDSN 207

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