



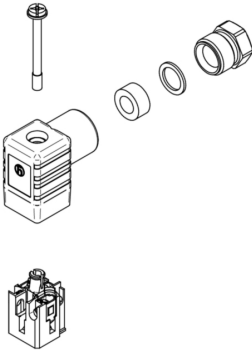
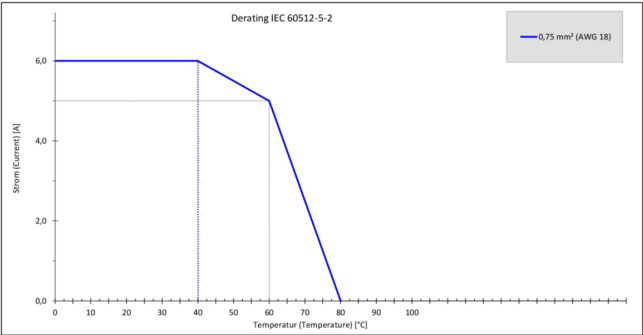
Product: [GDSN 207](#)

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
Feldfunktionierbarer
GDSN (N) Steckverbinder



GDSN ...

IP 65
Kabeldurchmesser Ø 4,5 – Ø 6,0 mm
Leitungsquerschnitt 0,25 mm² – 0,75 mm²

Achtung!
Nicht unter Last stecken/stecken!

Wissen:
Vor dem Einstecken des Kabels in den Steckverbinder muss das Kabel mit einem geeigneten Werkzeug auf die richtige Länge zugeschnitten werden. Die Länge des Kabels muss so gewählt werden, dass das Kabel nach dem Einstecken in den Steckverbinder nicht zu stark gebogen wird. Ein zu stark gebogenes Kabel kann zu einer Beschädigung des Kabels oder des Steckverbinders führen. Ein zu stark gebogenes Kabel kann auch zu einer Beschädigung des Kabels oder des Steckverbinders führen. Ein zu stark gebogenes Kabel kann auch zu einer Beschädigung des Kabels oder des Steckverbinders führen.

Einbauhinweise:
1. Das Kabel muss in den Steckverbinder eingesteckt werden, bis es vollständig in den Steckverbinder eingesteckt ist.
2. Das Kabel muss in den Steckverbinder eingesteckt werden, bis es vollständig in den Steckverbinder eingesteckt ist.
3. Das Kabel muss in den Steckverbinder eingesteckt werden, bis es vollständig in den Steckverbinder eingesteckt ist.

Assembly Instructions
Field attachable (GDSN) Connector



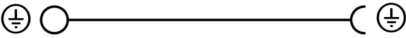
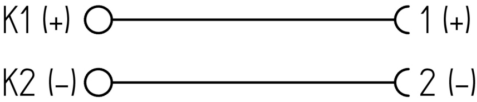
GDSN ...

IP 65
Cable diameter Ø 4.5 – Ø 6.0 mm
Conductor size 0.25 mm² – 0.75 mm²

CAUTION!
Not for current interrupting!

Note:
The cable must be cut to the correct length before it is inserted into the connector. The length of the cable must be chosen so that the cable is not bent too much after it is inserted into the connector. A cable that is bent too much after it is inserted into the connector can be damaged. A cable that is bent too much after it is inserted into the connector can also be damaged. A cable that is bent too much after it is inserted into the connector can also be damaged.

Assembly Instructions:
1. The cable must be inserted into the connector until it is fully inserted.
2. The cable must be inserted into the connector until it is fully inserted.
3. The cable must be inserted into the connector until it is fully inserted.



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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