

**Product: [GDSNL 207 LED 24 YE black](#)**

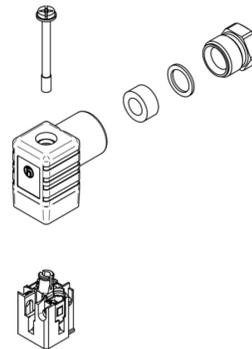
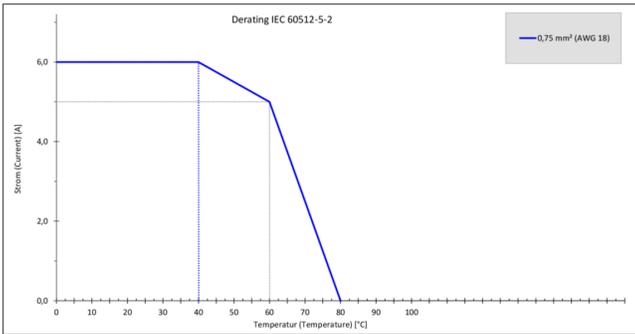


**GM Industrial Standard Field Attachable Connector: Form C, 3-pin (2+1PE; PE across cable outlet), translucent housing, screw type, PG7; with yellow LED, 24 V AC/DC, 6 A**

**Product Description**

GM Industrial Standard Field Attachable Connector: Form C, 3-pin (2+1PE; PE across cable outlet), translucent housing, screw type, PG7; with yellow LED, 24 V AC/DC, 6 A

**Technical Drawing**



**Montageanleitung**  
Feldansteckbarer GDS (N) Steckverbinder

**GDS ...**

**GDSN ...**

**IP 65**  
Kabulöffnung: Ø 4.5 - Ø 6.0 mm  
Längsmaß: 2.54 inch (± 0.25 mm)

**Achtung!**  
Nicht an Last (stecker/Vorkabel) anschließen!

**Sicherheitsrelevante Hinweise**

Dieses Produkt ist ein elektrisches Bauelement, das für den Einsatz in explosionsgefährdeten Umgebungen vorgesehen ist. Die Verwendung dieses Produkts in nicht explosionsgefährdeten Umgebungen ist nicht zulässig.

**Wichtig:**  
Dieses Produkt ist ein elektrisches Bauelement, das für den Einsatz in explosionsgefährdeten Umgebungen vorgesehen ist. Die Verwendung dieses Produkts in nicht explosionsgefährdeten Umgebungen ist nicht zulässig.

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

**GDS ...**

**GDSN ...**

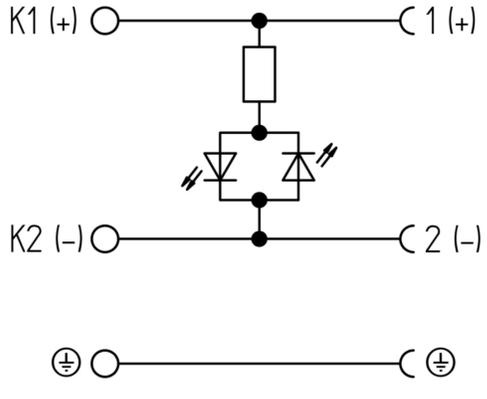
**IP 65**  
Cable qualification:  
Cable diameter: Ø 4.5 - Ø 6.0 mm  
Conductor size: Ø 0.5 mm<sup>2</sup> - Ø 2.5 mm<sup>2</sup>

**CAUTION!**  
Not for current (interlocking)!

**Safety Instructions**

This manual contains instructions which must be observed to ensure your own personal safety and a safe working environment. The instructions are written in a clear, concise and unambiguous manner according to the degree of importance.

**Warning:**  
This product is an electrical component intended for use in explosive atmospheres. It is not suitable for use in non-explosive atmospheres.



**Technical Specifications**

**Technical Data**

Product Family:	Valve Connectors
Product Sub Family:	GDSNL 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:	30 V AC/DC
Rated Impulse Voltage:	4.0 kV
Operating Voltage:	24 V AC/DC
Rated Current*:	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)*:	-25°C to +80°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:	black
Flammability Class (Cable Gland):	UL 94 HB
Attachment Material:	Steel, Philips combi slot

## Protection Circuitry

Function Indicator:	Yellow LED
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## Additional Technical Data

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

## Approvals

VDE:	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
935012112	GDSNL 207 LED 24 YE black

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