



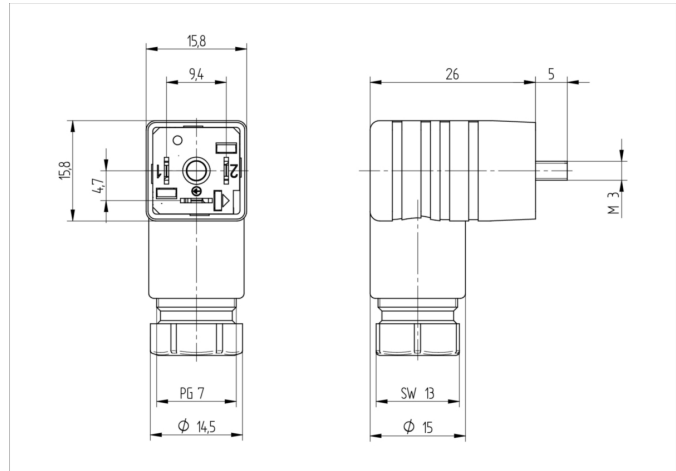
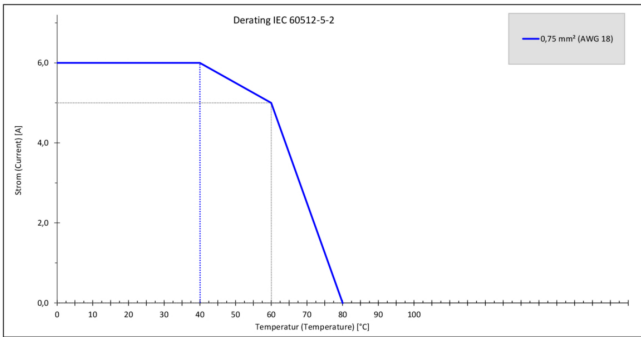
**Product: GDSL 207 LED 110 VR YE black**

GM Industrial Standard Field Attachable Connector: Form C, 3-pin (2+1PE; PE across cable outlet), translucent housing, screw type, PG7; with varistor and yellow LED, 110 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 varistor and yellow LED, 110 V AC/DC, 6 A

**Technical Drawing**



**Montageanleitung**  
Feldfunktionierbarer  
GDSL (N) Steckverbinder

**Sicherheitsrelevante Hinweise**  
Dieses Produkt ist ein elektrisches Bauteil, das für den Einsatz in gefährlichen Umgebungen vorgesehen ist. Es ist für den Einsatz in explosionsgefährdeten Umgebungen geeignet. Die Installation und die Verwendung dieses Produkts müssen den geltenden Vorschriften entsprechen.

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

**Safety Instructions**  
This product is an electrical component intended for use in hazardous environments. It is suitable for use in explosive atmospheres. Installation and use of this product must comply with applicable regulations.

**IP 65**  
Kabuliyet sınırları: Ø 4.5 - Ø 6.0 mm  
Lüme değeri: ≤ 0.1 mrad (≤ 0.75 mrad)

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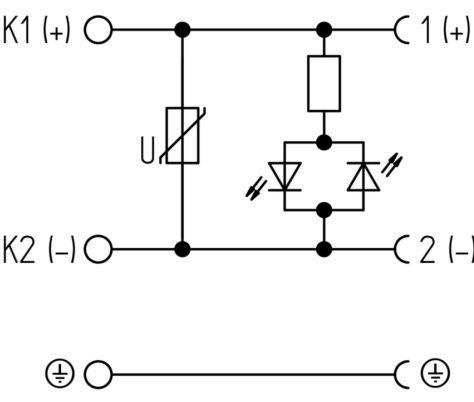
**CAUTION**  
Not for current interrupting!

**Wichtig!**  
Nicht für Last unterbrechen!

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**Technical Specifications**

**Technical Data**

Product Family:	Valve Connectors
Side 1 Product Sub Family:	GDSL Industrial Standard
Brand:	Hirschmann
Connector Type:	Field attachable
Side 1 Type of Contact/Gender:	Female

Connector Design:	Angled
Number of Pins:	2+PE (PE across cable outlet)
Coding, Side 1:	C
Shielding Type:	Unshielded
Attachment Type:	Central Screw
Voltage Rating:	120 V AC/DC
Rated Impulse Voltage:	4.0 kV
Operating Voltage:	110 V AC/DC
Current Rating:	6 A
Side 1 Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 <sup>9</sup> Ohm
Mating Cycles:	≤ 50
Type of Connection:	Screw
Cable Gland:	PG7
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
Side 1 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:	Translucent
Flammability Class (Housing):	UL 94 HB
Cable Gland Material:	PA GF
Cable Gland Gasket:	NBR
Cable Gland Color:	back
Flammability Class (Cable Gland):	UL 94 HB
Attachment Material:	Steel, Philips combi slot

## Protection Circuitry

Function Indicator:	Yellow LED
Protective Circuit:	Varistor

## 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
935013512	GD SL 207 LED 110 VR YE black

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