



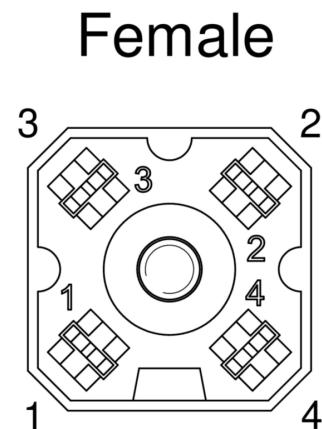
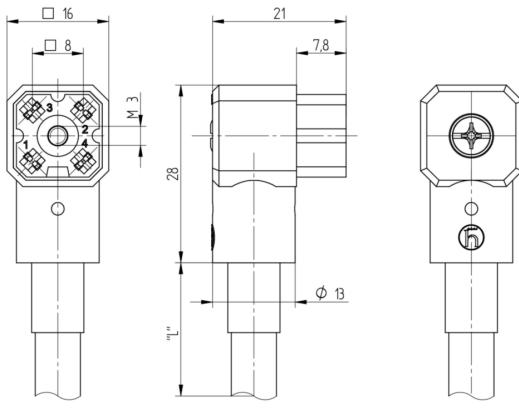
## Product: [G 4 KW 1 F grey](#)

G Type - Female 90° | #Contacts: 4 | 50 V | Cable: Grey(PVC); 0.75 mm<sup>2</sup>; IEC

### Product Description

G Type - Female Angled | #Contacts: 4 | 50 V / 4 A | Cable: Grey(PVC); 4x0.75 mm<sup>2</sup>; IEC

### Technical Drawing



### Technical Specifications

#### Face View

Pin 1	Pin 2	Pin 3	Pin 4
white	yellow	black	violet

#### Technical Data

Product Family:	Industrial Connectors
Side 1 Product Sub Family:	G Series
Brand:	Hirschmann
Connector Type:	Cordset, single ended
Side 1 Type of Contact/Gender:	Socket Contact / Female
Connector Design:	Angled (90°) Body
Number of Pins:	4
Shielding Type:	Unshielded
Attachment Type:	Central Screw
Voltage Rating:	50 V
Rated Impulse Voltage:	1.5 kV
Operating Voltage:	50 V AC/DC
Current Rating:	10 A
Contact Resistance:	≤ 10 mOhm
Mating Cycles:	≤ 50
Type of Connection:	Solder

Cross Section:	0.75 mm <sup>2</sup>
Ambient Temperature (Operation)*:	-40°C to +90°C
Protection Degree / IP Rating**:	IP65
Design Standard:	DIN EN 61984 (VDE 0627)
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Clearance / Creepage Distance:	DIN EN 60664-1 (2008/01); VDE 0110-1

## Materials

Contact Base Material:	Brass (CuZn)
Side 1 Contact Plating:	Copper-Tin Alloy (Cu/Sn)
Contact Bearer Material:	PA GF
Contact Bearer Color:	Grey
Flammability Class (Contact Bearer):	UL 94 HB
Molded Body Material:	Polyvinyl Chloride (PVC)
Molded Body Color:	Grey
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	4.8 , Fe/Zn B
Gasket Material:	Nitrile Butadiene Rubber (NBR)

## Additional Technical Data

Fastening Torque (Attachment):	M 3: (50-60) Ncm
Mating Connectors / Fitting to:	G 4 E 1 M..., G 4 A 1 M..., G 4 A 5 M...
Accessories to Order Separately:	Central Screw Stainless Steel: 732750003

## Cable Data

Cable Number:	XYMHY 4X0.75
Conductor Size:	0.75 mm <sup>2</sup>
Number of Wires:	4
Minimal Bending Radius (Fixed Inst):	> 5 x D
Minimal Bending Radius (Flexible Inst):	> 10 x D
Conductor Material:	Cu
Cable Jacket Material:	Polyvinyl Chloride (PVC)
Cable Jacket Color:	Grey
Cable Diameter D:	ø 7.4 ±0.15 mm
Wire Insulation Material:	Polyvinyl Chloride (PVC)
Ambient Temperature (Fixed Installation):	-40 °C to +70 °C
Ambient Temperature (Flex Installation):	+5 °C to +70 °C

## Approvals

VDE:	VDE-Reg.-Nr.: 3113
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## Safety & Environmental Compliance

RoHS Compliant:	Compliant
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## Notes

Note Derating:	Notice derating
Protection Degree / IP Rating Note:	IP Rating tested according to IEC standard using combination of a Hirschmann or Lumberg Automation connector mounted and locked
Note:	Do not connect or disconnect under load.

## Variants

Item #	Item Description	Cable Length
931805602	G 4 KW 1 F 2m	2 m
19871	G 4 KW 1 F 3M	3 m

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