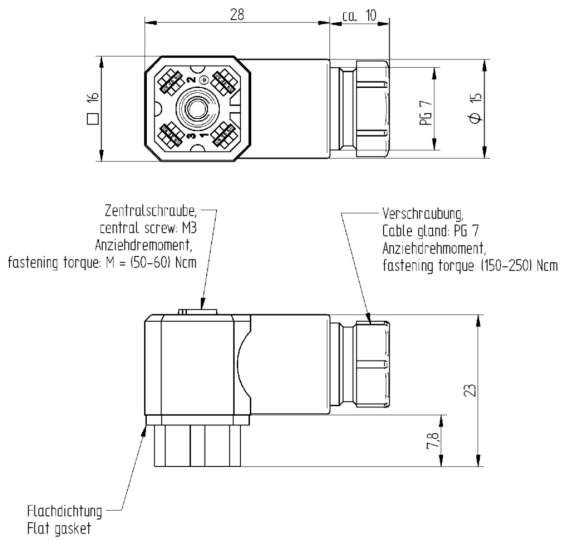


**Part Number: G 30 W 3 F black**



## Product Description

## Technical Drawing



## Technical Specifications

### Technical Data

Product Family:	Power Connector
Product Sub Family:	G Series
Brand:	Hirschmann
Connector Type:	Field Attachable
Type of Contact / Gender:	female
Connector Design:	angled
Number of Pins:	3+PE
Shielding:	Unshielded
Attachment Type:	Central Screw
Rated Voltage:	250 V AC/DC
Rated Impulse Voltage:	4.0 kV
Operating Voltage:	230 V AC/DC
Rated Current:	6 A
Contact Resistance:	≤ 10 mOhm
Mating Cycles:	≤ 50
Type of Connection:	solder
Cable Gland:	PG 7
Conductor Cross Section:	max. 0.50 mm <sup>2</sup>

Suitable Cables:	Ø3.5 mm - Ø6 mm
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:	CuZn
Contact Plating:	Cu/Sn
Contact Bearer Material:	PA GF
Contact Bearer Color:	black
Flammability Class (Contact Bearer):	UL 94 HB
Housing Material:	PA GF
Housing Color:	black
Flammability Class (Housing):	UL 94 HB
Cable Gland Material:	PA GF
Cable Gland Color:	black
Flammability Class (Cable Gland):	UL 94 HB
Attachment Material:	4.8 , Fe/Zn B
Gasket Material:	NBR

## Additional Technical Data

Fastening Torque (Cable Gland):	PG 7:(150-250) Ncm
Fastening Torque (Attachment):	M 3: (50-60) Ncm
Mating Connectors / Fitting to:	G 30 E 3 M..., G 30 A 3 M...

## Approvals

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

RoHS Compliant:	yes
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## Notes

Protection Degree / IP Rating Note:	* only if mounted and locked in combination with Hirschmann / Lumberg connector.
Note Derating:	Notice derating
Note:	Do not connect or disconnect under load.

## Variants

Item #	Item Description
932186100	G 30 W 3 F black

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