



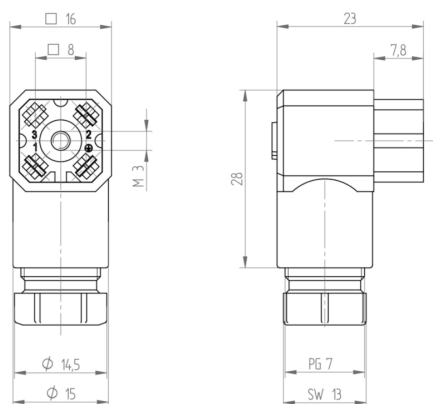
Product: [G 20 W 3 F black](#)

G-Series Power Field Attachable Connector: Female, angled, 3-pin (2+PE), black body, solder type; 230 V AC/DC, 6 A

Product Description

G-Series Power Field Attachable Connector: Female, angled, 3-pin (2+PE), black body, solder type; 230 V AC/DC, 6 A

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:	2+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 ²
Suitable Cables:	$\varnothing 3.5$ mm - $\varnothing 6$ 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
Accessories to Order Separately:	Central Screw Stainless Steel: 732750003

Approvals

VDE:	VDE-Reg.-Nr.:3113
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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
932185100	G 20 W 3 F black

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