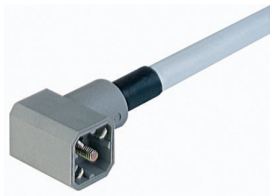
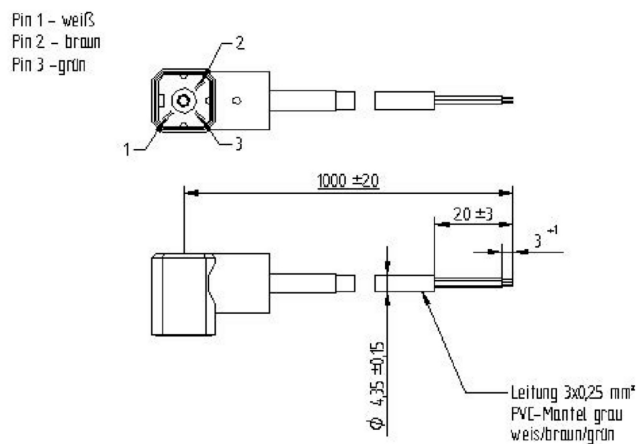


Part Number: G 3 KW 3 M



Product Description

Technical Drawing



Technical Specifications

Technical Data

Product Family:	Power Connector
Product Sub Family:	G Series
Brand:	Hirschmann
Connector Type:	Cordset, single ended
Type of Contact / Gender:	male
Connector Design:	angled
Number of Pins:	3
Shielding:	Unshielded
Rated Voltage:	50 V AC/DC
Rated Impulse Voltage:	1.5 kV
Operating Voltage:	50 V AC/DC
Rated Current:	4 A
Contact Resistance:	≤ 10 mOhm
Mating Cycles:	≤ 50
Type of Connection:	solder
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:	grey
Flammability Class (Contact Bearer):	UL 94 HB
Molded Body Material:	PA GF
Molded Body Color:	grey
Flammability Class (Molded Body):	UL 94 HB

Cable Data

Cable Number:	LF-YY 3X0.25
Number of Wires:	3
Minimal Bending Radius (Fixed Inst):	> 5 x D
Minimal Bending Radius (Flexible Inst):	> 10 x D
Conductor material:	Cu
Cable Jacket Material:	PVC
Cable Jacket Color:	grey
Cable Diameter D:	ø 4.35 mm
Wire Insulation Material:	PVC
Ambient Temperature (Fixed Installation):	-25 °C to +70 °C
Ambient Temperature (Flex Installation):	-25 °C to +70 °C

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	Cable Length
932119002	G 3 KW 3 M 1M	1 m

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