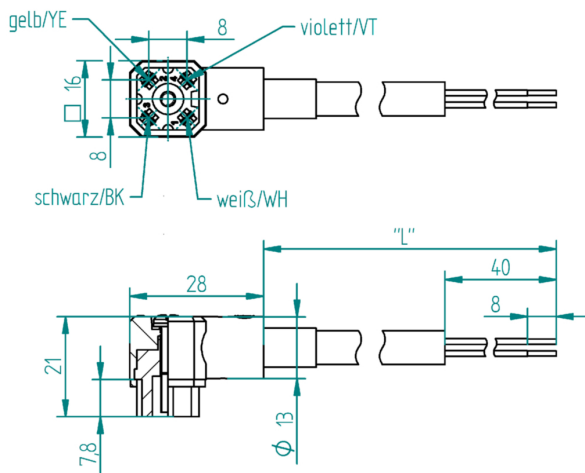


Part Number: G 4 KW 1 F grey



Product Description

Technical Drawing



Legende/ cutlinde
"L" Standardlänge der Steuerleitung/
standard length of cable

Technical Specifications

Technical Data

Family:	Power Connector
Sub Family:	G Series
Brand:	Hirschmann
Connector Type:	Cordset, single ended
Type of contact:	female
Connector Design:	angled
Number of contacts:	4
Shielding:	Unshielded
Attachment Type:	Central Screw
Rated voltage:	50V AC/DC
Rated impulse voltage:	1.5 kV
Operating voltage:	50 V AC/DC
Rated current:	10 A
Contact resistance:	≤ 10 mOhm
Mating cycles:	≤ 50
Type of connection:	solder

Operating temperature range:	-40°C to +90°C
Protection Degree/IP Rating:	IP65
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:	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
Attachment Material:	4.8 , Fe/Zn B
Gasket(s):	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...

Cable Data

Cable number:	XYMHY 4X0.75
Conductor size:	0.75 mm²
Number of wires:	4
Minimal bending radius (hard wired):	> 5 x D
Minimal bending radius (moved):	> 10 x D
Conductor Material:	Cu
Cable jacket (Jacket):	PVC
Cable Jacket Color:	grey
Cable diameter D:	ø 7.4 ±0.15 mm
Wire Insulation Material:	PVC

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.
Rated Current Note:	Notice derating
legend:	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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