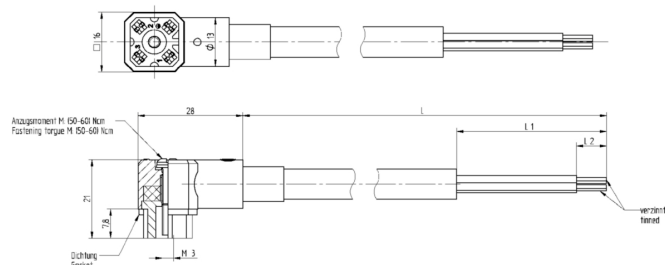


Part Number: G 30 KW 3 F



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:	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:	10 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
Attachment Material:	4.8 , Fe/Zn B
Gasket Material:	NBR

Additional Technical Data

Fastening Torque (Attachment):	M 3: (50-60) Ncm
Mating Connectors / Fitting to:	G 30 E 3 M..., G 30 A 3 M...

Cable Data

Cable Number:	H05VV-F 4G1
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:	PVC
Cable Jacket Color:	grey
Cable Diameter D:	ø 8.15 ±0.15 mm
Wire Insulation Material:	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
------	--------------------

Safety & Environmental Compliance

RoHS Compliant:	yes
-----------------	-----

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
931608003	G 30 KW 3 F 2 M	2 m

© 2019 Belden, Inc
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.