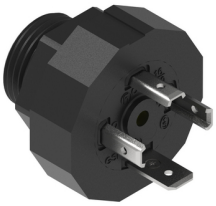
HIRSCHMANN
A BELDEN BRAND



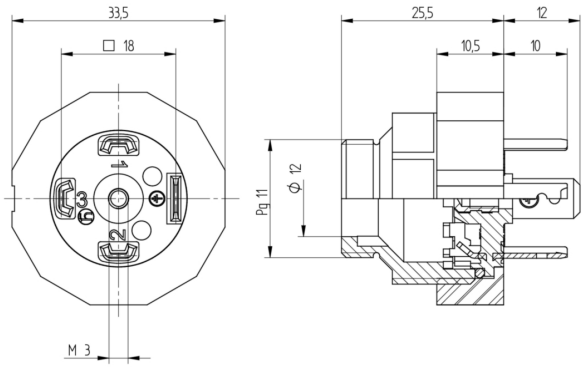
Product: GSP 311

GSP - Male Receptacle Port Mount, Form A, Contacts: 3+PE, solder type, 400 V | 16 A; PG 11 Threaded Sleeve

Product Description

175301-803-A (DIN 43650-A): Male Receptacle Port Mount, Form A, Contacts: 3+PE, solder type, 400 V | 16 A; PG 11 Threaded Sleeve

Technical Drawing



Technical Specifications

Technical Data

Product Family:	Valve Connectors
Product Sub Family:	GSP
Brand:	Hirschmann
Connector Type:	Receptacle
Connector Sub Type:	Circular receptacle with connection thread and solder contacts
Type of Contact / Gender:	Male
Connector Design:	Straight
Number of Pins:	3+PE
Coding:	A
Shielding:	Unshielded
Attachment Type:	PG 11 Threaded Sleeve
Rated Impulse Voltage:	4.0 kV
Operating Voltage:	400 V AC/DC
Rated Current*:	16 A
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10^9 Ohm
Mating Cycles:	≤ 50
Type of Connection:	Solder
Conductor Cross Section:	0.08 - 1.5 mm²
Ambient Temperature (Operation)*:	-40 °C - +125 °C

Protection Degree / IP Rating**:	IP65
Design Standard:	DIN EN 175301-803-A, ISO 4400
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Clearance / Creepage Distance:	DIN EN 60664-1 (2008/01); VDE 0110-1
Overvoltage Category:	III acc. to DIN EN 60664-1 (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 V-0
Housing Material:	PA GF
Housing Color:	black
Flammability Class (Housing):	UL 94 HB
O-Ring Material:	NBR

Approvals

VDE:	yes
SEV:	yes

Safety & Environmental Compliance

RoHS Compliant:	yes

Notes

Note Derating:	Notice derating
Protection Degree / IP Rating Note:	*IP Rating test performed by Belden with Belden Connectors only
Note:	Do not connect or disconnect under load.

Variants

Item #	Item Description	Packaging
931297001	GSP 311-S	S - Bulk Packaging, 200 pieces per carton, unassembled
23522	GSP 311-U	U - Individually Bagged, 50 pieces per carton, unassembled

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