

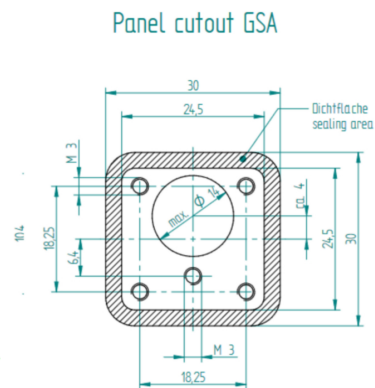
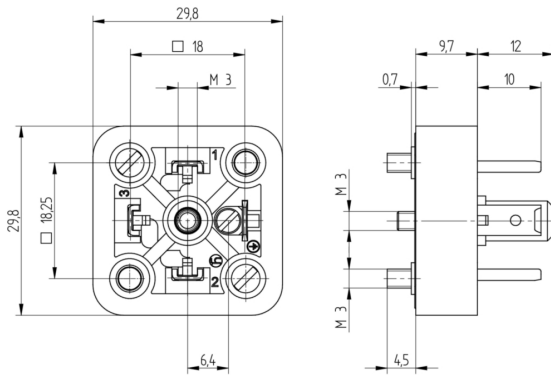
Product: [GSA 3000N-1BW](#)

GSA - Male Receptacle Surface Mount, Form A, Contacts: 3+PE, solder type, 400 V | 16 A, includes EPDM flat gasket ; cURus 1977

Product Description

175301-803-A (DIN 43650-A): Male Receptacle Surface Mount, Form A, Contacts: 3+PE, solder type (PE screw type), 400 V | 16 A, includes EPDM flat gasket; cURus 1977

Technical Drawing



Technical Specifications

Technical Data

Product Family:	Valve Connectors
Product Sub Family:	GSA
Brand:	Hirschmann
Connector Type:	Receptacle
Connector Sub Type:	Rectangular receptacle with solder contacts and without oblong holes
Type of Contact / Gender:	Male
Connector Design:	Straight
Number of Pins:	3+PE
Coding:	A
Shielding:	Unshielded
Attachment Type:	2 screws M 3 x 10
Rated Voltage (UL):	300 V
Rated Voltage (CSA):	250 V
Rated Impulse Voltage:	4.0 kV
Rated Current*:	16 A
Rated Current (UL)*:	15 A
Rated Current (CSA)*:	10 A

Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10^9 Ohm
Mating Cycles:	≤ 50
Type of Connection:	Solder / PE Screw
Conductor Cross Section:	0.08 - 1.5 mm²
Ambient Temperature (Operation)*:	-30 °C - +90 °C
Operating Temperature (UL):	max. + 90 °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 Color:	black
Gasket Material:	EPDM flat gasket included with packaging

Additional Technical Data

Fastening Torque (Contact Screw):	(50-60) Ncm
Fastening torque (mounting screw):	(50-60) Ncm
Mounting:	M3 (2x)

Approvals

UL-File:	E95522
UL:	UL 1977; UR
VDE:	yes
CSA:	yes
SEV:	yes

Safety & Environmental Compliance

RoHS Compliant:	yes
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Notes

Note Derating:	Notice derating
Protection Degree / IP Rating Note:	*IP Rating test performed by Belden with Belden Connectors only

Variants

Item #	Item Description	Packaging
36314	GSA 3000 N- 1BW	Single Pack, 1 piece per package

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