

**Product:** [GSE 3000 N4](#)

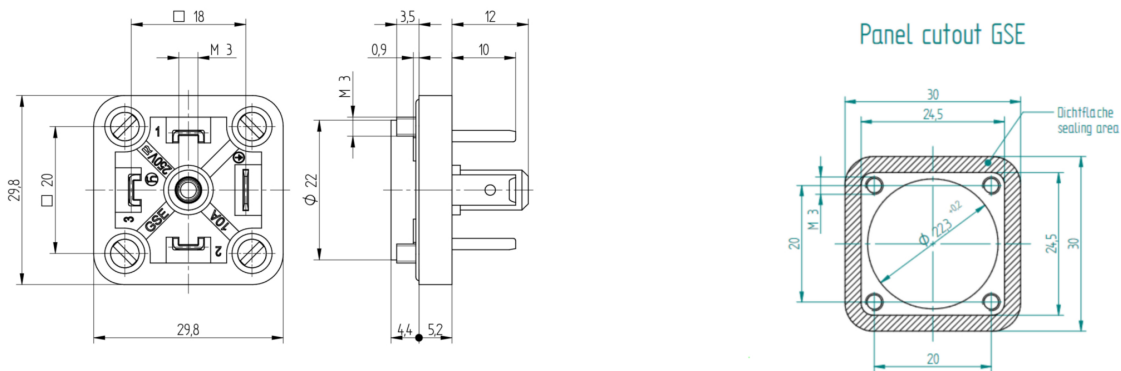


GSE - Male Receptacle for sheet metal installation, Form A, Contacts: 3+PE, 400 V | 16 A

**Product Description**

175301-803-A (DIN 43650-A): Male Receptacle for sheet metal installation, Form A, Contacts: 3+PE, 400 V | 16 A

**Technical Drawing**



**Technical Specifications**

**Technical Data**

Product Family:	Valve Connectors
Side 1 Product Sub Family:	GSE
Brand:	Hirschmann
Connector Type:	Receptacle
Connector Sub Type:	Rectangular receptacle with round collar, solder contacts and without oblong holes
Side 1 Type of Contact/Gender:	Male
Connector Design:	Straight
Number of Pins:	3+PE
Coding, Side 1:	A
Shielding Type:	Unshielded
Attachment Type:	4 screws M 3 x 6
Rated Impulse Voltage:	4.0 kV
Operating Voltage:	400 V AC/DC
Current Rating:	16 A
Side 1 Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 <sup>9</sup> Ohm
Mating Cycles:	≤ 50
Type of Connection:	Solder

Cross Section:	0.08 - 1.5 mm <sup>2</sup>
Ambient Temperature (Operation)*:	-40 °C - +125 °C
Protection Degree / IP Rating**:	IP65
Side 1 Design Standard:	DIN EN 175301-803-A, ISO 4400
Side 1 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
Side 1 Contact Plating:	Cu/Sn
Contact Bearer Material:	PA GF
Contact Bearer Color:	black
Flammability Class (Contact Bearer):	UL 94 HB
Housing Color:	black

## Additional Technical Data

Fastening torque (mounting screw):	(50-60) Ncm
Mount Type:	M3 (4x)
Accessories to Order Separately:	(NBR) flat gasket GSE 2000-2, Part Number. 733973002; (EPDM) flat gasket GSE 2000-3, Part Number. 733846003; (FKM) flat gasket GSE 2000-4, Part Number. 735723002

## 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
932890100	GSE 3000 N4

© 2026 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.