

**Product:** [GSA 3000 N + 200-7](#)

Life Cycle Status: Discontinued

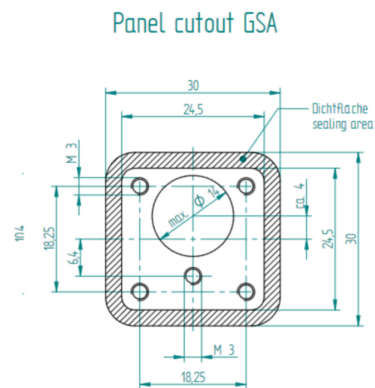
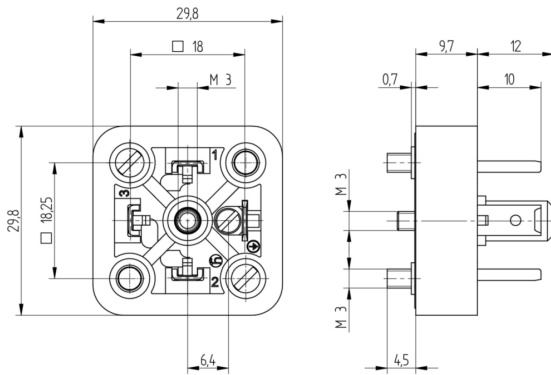
Replaced by: [GSA 3000N-1BW](#)

Discontinued with direct replacement | Replacement: GSA 3000N-1BW

### 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   |
| Side 1 Product Sub Family:     | GSA  |
| Brand:                         | Hirschmann   |
| Connector Type:                | Receptacle   |
| Connector Sub Type:            | Rectangular receptacle with 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:               | 2 screws M 3 x 10  |
| Replaced by:                   | ID: 36314 Name: GSA 3000N-1BW  |
| Rated Voltage (UL):            | 300 V  |
| Rated Voltage (CSA):           | 250 V  |
| Rated Impulse Voltage:         | 4.0 kV   |
| Current Rating:                | 16 A   |
| Rated Current (UL)*:           | 15 A   |

|                                   |   |
|-----------------------------------|---|
| Rated Current (CSA)*:             | 10 A                                    |
| Side 1 Contact Resistance:        | ≤ 10 mOhm                               |
| Insulation Resistance:            | > 10 <sup>9</sup> Ohm                   |
| Mating Cycles:                    | ≤ 50                                    |
| Type of Connection:               | Solder / PE Screw                       |
| Cross Section:                    | 0.08 - 1.5 mm <sup>2</sup>              |
| Ambient Temperature (Operation)*: | -30 °C - +90 °C                         |
| Operating Temperature (UL):       | max. + 90 °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 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 |
| Mount Type:                        | M3 (2x)     |

## Approvals

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

## Variants

| Item #    | Item Description            | Packaging                        | Replaced By                   |
|-----------|-----------------------------|----------------------------------|-------------------------------|
| 932968300 | GSA 3000 N+GSA 200-7 BAGGED | Single Pack, 1 piece per package | ID: 36314 Name: GSA 3000N-1BW |

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