



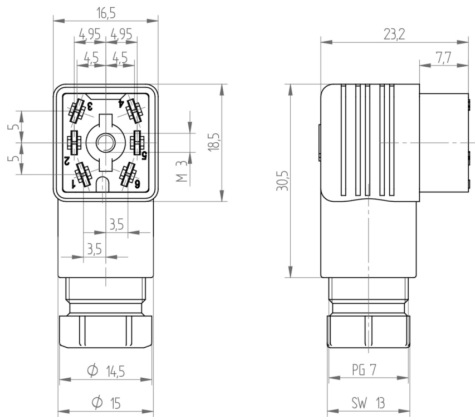
**Product:** [GO 6 WE](#) 

GO-Series Power Field Attachable Connector: Female, angled, 6-pin, black body, solder type; 50V AC/DC, 6 A

**Product Description**

GO-Series Power Field Attachable Connector: Female, angled, 6-pin, black body, solder type; 50V AC/DC, 6 A

**Technical Drawing**



**Technical Specifications**

**Technical Data**

|                           |  |
|---------------------------|--|
| Product Family:           | Power Connector                              |
| Product Sub Family:       | GO Series                                    |
| Brand:                    | Hirschmann                                   |
| Connector Type:           | Field Attachable                             |
| Type of Contact / Gender: | female                                       |
| Connector Design:         | angled                                       |
| Number of Pins:           | 6  |
| Shielding:                | Unshielded                                   |
| Attachment Type:          | Central Screw                                |
| Rated Voltage:            | 50V AC/DC                                    |
| Rated Impulse Voltage:    | 1.5 kV                                       |
| Operating Voltage:        | 50 V AC/DC                                   |
| Rated Current*:           | 6 A  |
| Contact Resistance:       | ≤ 10 mOhm                                    |
| Mating Cycles:            | ≤ 50   |
| Type of Connection:       | solder                                       |
| Cable Gland:              | PG 7   |
| Conductor Cross Section:  | 0.14 mm <sup>2</sup> to 0.50 mm <sup>2</sup> |
| Strain-Relief:            | clamping cage                                |
| Suitable Cables:          | Ø5 mm - Ø7 mm                                |

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| 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:                | black         |
| Flammability Class (Contact Bearer): | UL 94 V-0     |
| Housing Material:                    | PA GF         |
| Housing Color:                       | black         |
| Flammability Class (Housing):        | UL 94 V-0     |
| Cable Gland Material:                | PA GF         |
| Cable Gland Color:                   | black         |
| Flammability Class (Cable Gland):    | UL 94 V-0     |
| Attachment Material:                 | 4.8 , Fe/Zn B |
| Gasket Material:                     | NBR           |

## Additional Technical Data

|                                  |   |
|----------------------------------|---|
| Fastening Torque (Cable Gland):  | PG 7:(150-250) Ncm  |
| Fastening Torque (Attachment):   | M 3: (50-60) Ncm  |
| Mating Connectors / Fitting to:  | GO 6 UM, GO 6 FAV M...  |
| Accessories to Order Separately: | Central Screw Stainless Steel: 732750003; Flat gasket: GO 60 WF-3 |

## Approvals

|      |                    |
|------|--------------------|
| VDE: | VDE-Reg.-Nr.: D182 |
|------|--------------------|

## Safety & Environmental Compliance

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

## Notes

|                                     |  |
|-------------------------------------|--|
| Note Derating:                      | Notice derating  |
| Protection Degree / IP Rating Note: | ** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector. |
| Note:                               | Do not connect or disconnect under load.   |

## Variants

| Item #    | Item Description |
|-----------|------------------|
| 932447100 | GO 6 WF          |

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