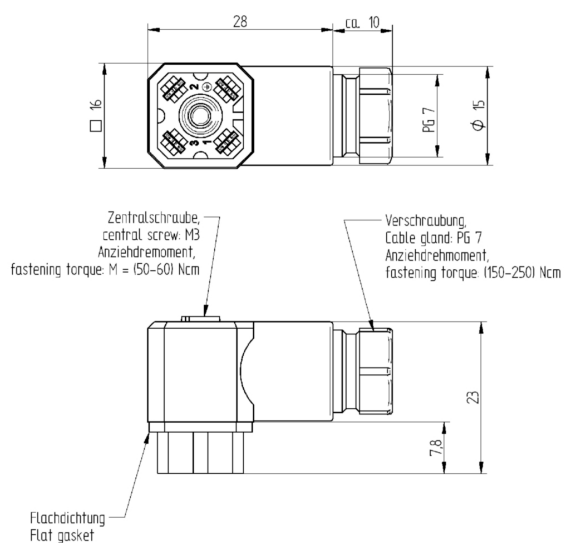


**Part Number: G 30 W 3 F black**



## Product Description

## Technical Drawing



## Technical Specifications

### Technical Data

|                           |                  |
|---------------------------|------------------|
| Product Family:           | Power Connector  |
| Product Sub Family:       | G Series         |
| Brand:                    | Hirschmann       |
| Connector Type:           | Field Attachable |
| Type of Contact / Gender: | female           |
| Connector Design:         | angled           |
| Number of Pins:           | 3+PE             |
| Shielding:                | Unshielded       |
| Attachment Type:          | Central Screw    |
| Rated Voltage:            | 250 V AC/DC      |
| Rated Impulse Voltage:    | 4.0 kV           |
| Operating Voltage:        | 230 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:  | max. 0.50 mm²    |

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Suitable Cables:                 | Ø3.5 mm - Ø6 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 HB      |
| Housing Material:                    | PA GF         |
| Housing Color:                       | black         |
| Flammability Class (Housing):        | UL 94 HB      |
| Cable Gland Material:                | PA GF         |
| Cable Gland Color:                   | black         |
| Flammability Class (Cable Gland):    | UL 94 HB      |
| 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: | G 30 E 3 M..., G 30 A 3 M... |

Approvals

|      |                    |
|------|--------------------|
| VDE: | VDE-Reg.-Nr.: 3113 |
|------|--------------------|

Safety & Environmental Compliance

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

Notes

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

Variants

| Item #    | Item Description |
|-----------|------------------|
| 932186100 | G 30 W 3 F black |

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