



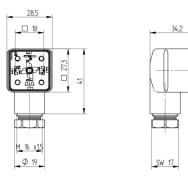
Product: GDM2106-A0U-10F

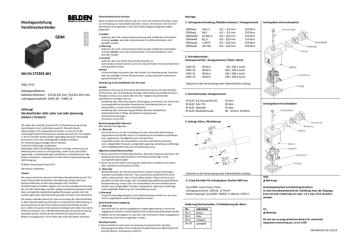
GDM Standard- 175301-803 (DIN 43650), Form A, 18mm, 2 Pole+Ground (Protective Earth), M16, Black Housing, without circuitry, 250V | 16 A, Steel Center Screw, Bulk Packaging

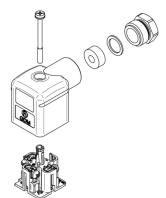
Product Description

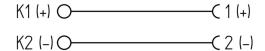
GDM Standard- 175301-803 (DIN 43650), Form A, 18mm, 2 Pole+Ground (Protective Earth), M16, Black Housing, without circuitry, 250V | 16 A, Steel Center Screw, Bulk Packaging

Technical Drawing

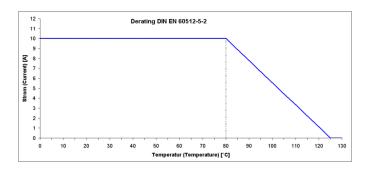












Technical Specifications

Technical Data

| Product Family: | Valve Connectors | | |
|-----------------------------------|---|--|--|
| Product Sub Family: | GDM Standard | | |
| Brand: | Hirschmann | | |
| Connector Type: | Field Attachable | | |
| Type of Contact / Gender: | Female | | |
| Connector Design: | Angled | | |
| Number of Pins: | 2+PE (PE across cable outlet) | | |
| Coding: | A | | |
| Shielding: | Unshielded | | |
| Attachment Type: | Central Screw | | |
| Replacement for: | ID: 934393100 Name: GDM 2016 schwarz | | |
| Rated Voltage: | 250 V | | |
| Rated Impulse Voltage: | 4.0 kV | | |
| Operating Voltage: | 230 V AC/DC | | |
| Rated Current*: | 16 A | | |
| Contact Resistance: | < 10 mOhm | | |
| Insulation Resistance: | > 10^9 Ohm | | |
| Mating Cycles: | ≤ 50 | | |
| Type of Connection: | Screw | | |
| Cable Gland: | M16 | | |
| Conductor Cross Section: | 0.25 - 1.5 mm ² | | |
| Suitable Cables: | Ø 4.5 - 9 mm | | |
| Ambient Temperature (Operation)*: | -40°C to +125°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 HB | |
| Housing Material: | PA GF | |
| Housing Color: | Black | |
| Flammability Class (Housing): | UL 94 HB | |
| Cable Gland Material: | PA GF | |
| Cable Gland Gasket: | NBR | |
| Cable Gland Color: | Black | |
| Attachment Material: | erial: Steel, Philips combi slot | |
| Gasket Material: | Sold separately | |

Additional Technical Data

| Fastening Torque (Contact Screw): | que (Contact Screw): (40-50) Ncm for conductor size 0.5 - 1.5 mm ² ; (30-40) Ncm for conductor size 0.38-0.34 mm ² ; (25-30) Ncm for conductor size 0.24 | |
|-----------------------------------|--|--|
| Fastening Torque (Cable Gland): | (250-375) Ncm | |
| Fastening Torque (Attachment): | (50-60) Ncm | |

Approvals

| VDE: | Yes |
|------|-----|
| SEV: | Yes |

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 | Central Screw | Gasket | Packaging | Replacement For | | |

| item # | Item Description | Central Screw | Gasket | Раскаділд | Replacement For |
|-----------|------------------|---------------------------|---------------------|---|------------------------------------|
| 934888100 | GDM2106-A0U-10F | 1- SteelScrew, Combi Head | 0 - Sold Seperately | F - Collect packaging 200 pieces, assembled | ID: 934393100 Name: GDM 2016 black |

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