



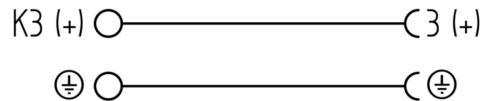
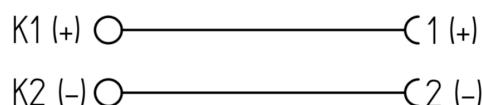
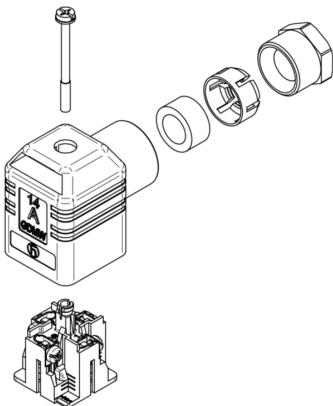
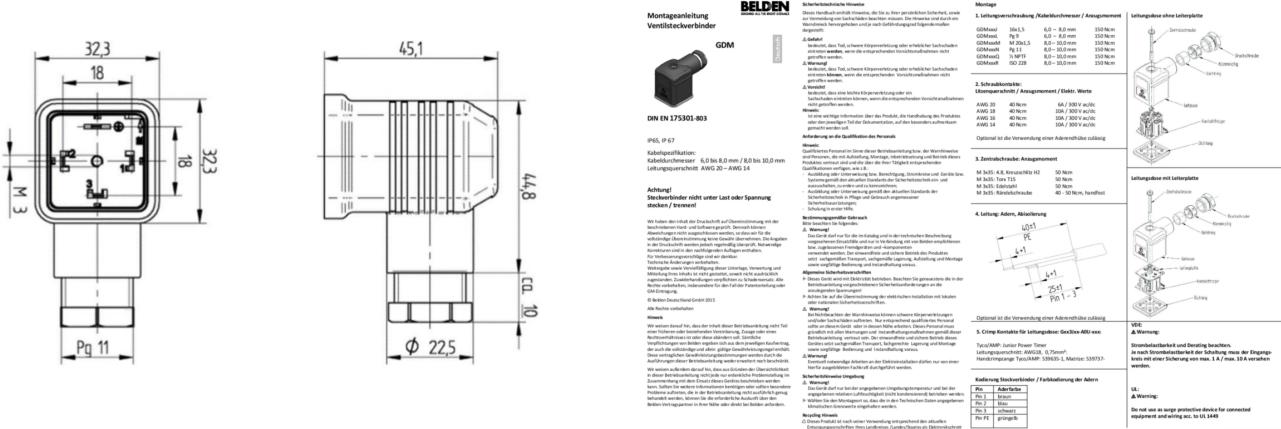
Product: [GDMW 3011 DF grey](#) 

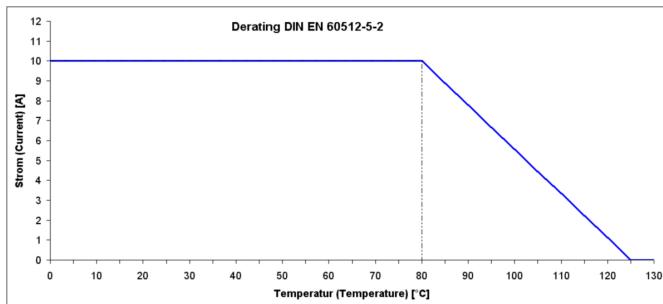
GDMW High-Voltage Line DIN Standard Field Attachable Connector: Form A, 4-pin (3+1PE; PE across cable outlet), grey housing, screw type, PG11; without circuitry, 400 V AC/DC, 16 A

Product Description

GDMW High-Voltage Line DIN Standard Field Attachable Connector: Form A, 4-pin (3+1PE; PE across cable outlet), grey housing, screw type, PG11; without circuitry, 400 V AC/DC, 16 A

Technical Drawing





Technical Specifications

Technical Data

Product Family:	Valve Connectors
Side 1 Product Sub Family:	GDMW High-Voltage Line
Brand:	Hirschmann
Connector Type:	Field attachable
Side 1 Type of Contact/Gender:	Female
Connector Design:	Angled
Number of Pins:	3+PE (PE across cable outlet)
Coding, Side 1:	A
Shielding Type:	Unshielded
Attachment Type:	Central Screw
Rated Impulse Voltage:	4.0 kV
Operating Voltage:	400 V AC/DC
Current Rating:	16 A
Contact Resistance:	$\leq 10 \text{ mOhm}$
Insulation Resistance:	$> 10^9 \text{ Ohm}$
Mating Cycles:	≤ 50
Type of Connection:	Screw
Cable Gland:	PG11
Cross Section:	0.25 - 1.5 mm ²
Suitable Cables:	$\varnothing 4.5 - 11 \text{ mm}$
Ambient Temperature (Operation)*:	-40 °C - +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
Side 1 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:	Grey
Flammability Class (Housing):	UL 94 HB
Cable Gland Material:	PA GF
Cable Gland Gasket:	NBR
Cable Gland Color:	Grey
Attachment Material:	Steel, Philips combi slot
Gasket Material:	Sold separately

Additional Technical Data

Fastening Torque (Contact Screw):	(50-60) Ncm
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Fastening Torque (Cable Gland):	(150-200) Ncm
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| Fastening Torque (Attachment): | (50-60) Ncm |

Approvals

VDE:	yes
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| SEV: | yes |

Safety & Environmental Compliance

RoHS Compliant:	yes
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Notes

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| 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
932547206	GDMW 3011 DF grey

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