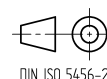


1/2 NPTF	Ø 25	45	ca. 10
PG 11	Ø 23	43	ca. 11
PG 9	Ø 19	41	ca. 10
M 20 x 1,5	Ø 19	41	ca. 10
M 16 x 1,5	Ø 19	41	ca. 10
D1	D2	L	L1

The information/details in this datasheet merely contain general descriptions or performance factors which, when applied in an actual situation, do not always correspond with the described form, and may be amended by way of the further development of products. The desired performance factors shall only be binding if these are expressly agreed on conclusion of the contract.



Product description

Description	Cable socket angled
Type	GDM ..., see standard products
Order No	934-888-..., see standard products
Type of contacts	female
Number of contacts	2+PE, 3+PE, see standard products
Cable gland	see standard products *
Strain-relief	clamping cage
Conductor size	0,25 mm ² - 1,5 mm ²
Standard	DIN EN 175301-803-A
Color housing	black
Color contact bearer	black**

* Cable gland: ISO 228 on request

** other colors on request

Technical data

Clearance / Creepage distance	DIN EN 60664-1 (2008/01); VDE 0110-1
Rated voltage	250 AC/DC, VDE 300 AC/DC, UL, CSA
Rated current *	10 A, VDE, UL 8 A, CSA
Rated impulse voltage	4,0 kV
Pollution degree	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Contact resistance	≤ 10 mOhm
Type of connection	Screw terminal
Mating cycles	max. 50
Suitable cables	M 16 x 1,5: Ø6,0 mm to Ø8,0 mm** PG 9: Ø6,0 mm to Ø8,0 mm** M 20 x 1,5: Ø8,0 mm to Ø10,0 mm** PG 11: Ø8,0 mm to Ø10,0 mm** 1/2" NPTF: Ø8,0 mm to Ø10,0 mm** G1/2" IISO 228: Ø8,0 mm to Ø10,0 mm**
Mounting	Central screw M 3x35

* Notice derating

** different cable diameter on request

Materials

Contact	CuZn
Contact plating	Cu/Sn
Contact bearer	PA 6 GF*
Housing	PA 66 GF
Central screw	4.8 , Fe/Zn B **
Gasket(s)	NBR *, cable gland
Clamp cage	PA 6 GF*
Cable gland screw	PA 66 GF

* standard material, other materials on request

** other materials see accessory

Environmental conditions

Protection class (IEC 60529) *	IP65**
Temperature range	-40°C to +125°C, notice Derating ***

* only if mounted and locked in combination with Hirschmann / Lumberg connector.

** Standard product IP65. IP67, IP68 on request

*** Temp.-range: -55°C to +125° depending on used materials.

Flammability class

Housing	UL 94 5VA
Contact bearer	UL 94 HB*
Clamping cage	UL 94 HB*
Cable gland screw	UL 94 5VA

* Standard: HB. Inflammability class: V0, 5VA on request

Approvals

VDE	VDE-Reg.-Nr.: E349
UL	E315587, Vol. 1, Sce. 4. UL2238
CSA	E315587, CSA-22.2 No 182.3

Accessories

Accessories to order separately .

Gasket:

735-677-003, NBR, Temp. range: -25°C to +90°C, captive gasket GDMF-6 NBR, black
735-677-004, EPDM, Temp. range: -25°C to +120°C, captive gasket GDMF-6 EPDM, brown

730-801-002, NBR, Temp. range: -30°C to +90°C, flat gasket GDM 3-7, brown
731-739-004, EPDM, Temp. range: -40°C to +125°C, flat gasket GDM 3-21, brown
731-740-002, MPQ, Temp. range: -40°C to +125°C, flat gasket GDM 3-17, red

731-531-002, NBR, Temp. range: -30°C to +90°C, profiled gasket GDM 3-16, black
731-532-002, VMQ, Temp. range: -40°C to +125°C, profiled gasket GDM 3-19, red
735-823-002, EPDM Temp. range: -40°C to +125°C, profiled gasket GDM 3-24, brown

central screw:

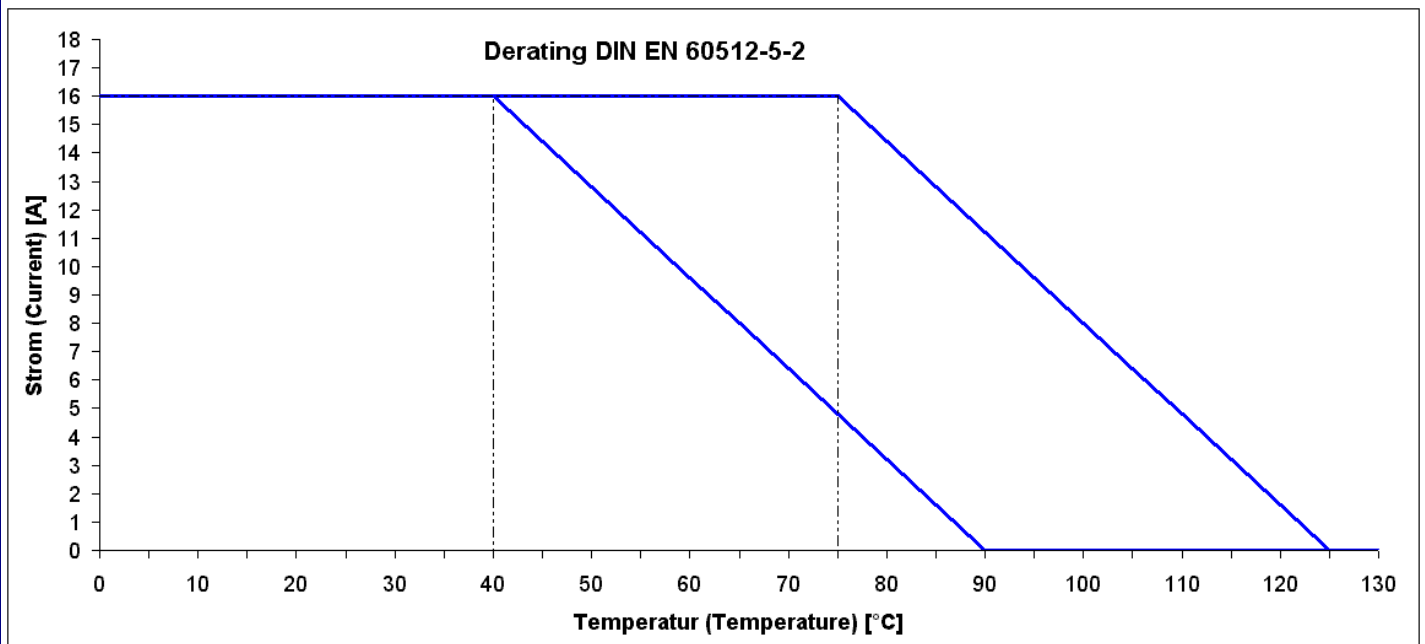
732-383-003, steel screw, GDM 3011-6
732-488-002, knurled head (grey), GDM 3011-7
734-363-001, stainless steel screw, GDM 3011 RF-1
735-507-002, Torx screw, GDM 3011-18

Additional technical data

Fastening torque (central screw)	M 3: (50-60) Ncm
Fastening torque (cable gland)	(150-200) Ncm
Fastening torque (contact screw)	M 3: (40-50) Ncmfor Wiresize: 0,5 mm ² bis 1,5 mm ² M 3: (30-40) Ncmfor Wiresize: 0,34 mm ² M 3: (25-30) Ncmfor Wiresize: 0,25 mm ²

Cutline

Do not connect / disconnect under load.



Standard products

Artikel-No.	Type	Number of contacts	Cable gland
000-014-640	GDM31AM-A0U-10F	3 + PE	M20
934-888-112	GDM21AL-A0U-10F	2 + PE	PG 9
934-888-123	GDM21AN-A0U-10F	2 + PE	PG 11
934-888-124	GDM21AJ-A0U-10F	2 + PE	M16x1,5
934-888-125	GDM31AN-A0U-10F	3 + PE	PG 11
934-888-126	GDM31AJ-A0U-10F	3 + PE	M16x1,5
934-888-127	GDM31AL-A0U-10F	3 + PE	PG 9
934-888-128	GDM31AQ-A0U-10F	3 + PE	1/2" NPTF
934-888-129	GDM21AL-A0U	2 + PE	PG 9
934-888-130	GDM31AL-A0U-1EF	3 + PE	PG 9
934-888-133	GDM21AQ-A0U-10F	2 + PE	1/2" NPTF