

Cable Gland:	PG9
Cross Section:	0.25 - 1.5 mm ²
Suitable Cables:	Ø 4.5 - 7 mm
Ambient Temperature (Operation)*:	- 40 °C to + 125 °C [Connector] - 30 °C to + 90 °C [when mated with NBR gasket] - 15 °C to + 125 °C [when mated with FKM gasket] - 40 °C to + 125 °C [when mated with EPDM or MPQ gasket]
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:	Brass (CuZn)
Side 1 Contact Plating:	Copper-Tin Alloy (Cu/Sn)
Contact Bearer Color:	Brown
Flammability Class (Contact Bearer):	UL 94 V-0
Housing Material:	Glass-Fiber Reinforced Polyamide (PA GF)
Housing Color:	Black
Flammability Class (Housing):	UL 94 HB
Cable Gland Material:	Glass-Fiber Reinforced Polyamide (PA GF)
Cable Gland Gasket:	Nitrile Butadiene Rubber (NBR)
Cable Gland Color:	Black
Attachment Material:	Steel Fastener (4.8 , Fe/Zn B)
Gasket Material:	Sold separately

Protection Circuitry

Protective Circuit:	No Protective Circuit
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Additional Technical Data

Fastening Torque (Contact Screw):	(40-50) Ncm for conductor size 0.25 - 1.5 mm ² ; (30-40) Ncm for conductor size 0.34 mm ² ; (25-30) Ncm for conductor size 0.25 mm ²
Fastening Torque (Cable Gland):	(250-375) Ncm
Fastening Torque (Attachment):	(50-60) Ncm

Approvals

UL-File:	E95522
UL:	UL 1977; UR
VDE:	VDE-Reg.-Nr.: E349
CSA:	Yes
SEV:	Yes

Safety & Environmental Compliance

REACH:	Compliant
RoHS Compliant:	Compliant

Notes

Note Derating:	Notice derating
Protection Degree / IP Rating Note:	IP Rating tested according to IEC standard using combination of a Hirschmann or Lumberg Automation connector mounted and locked

Variants

Item #	Item Description	Central Screw	Gasket	Packaging	Replaced By
932214100	GDM 3009 J black	1- SteelScrew, Combi Head	0 - Sold Separately	F - Collect packaging 200 pieces, assembled	ID: 934888127 Name: GDM31AL-A0U-10F

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