



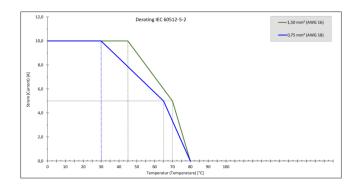
Product: <u>GDM21L6-V24-10D</u> ☑

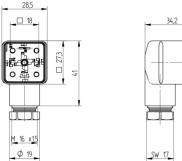
GDM Standard- 175301-803 (DIN 43650), Form A, 18mm, 2 Pole+Ground (Protective Earth), Translucent Housing, M16 Grey Gland Nut, PCBA with Yellow LED, and Varistor, 24V | 10 A, Steel Center Screw, Bulk Packaging

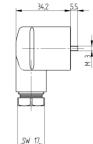
Product Description

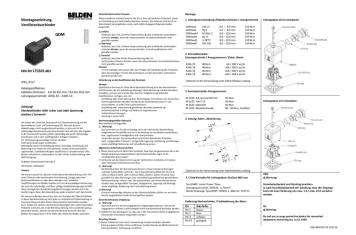
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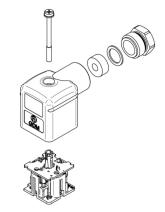
Technical Drawing

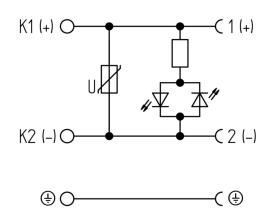


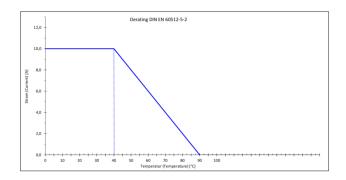












Technical Specifications

Technical data

Product Family:	Valve Connectors				
Product Sub Family:	GDM Standard				
Brand:	Hirschmann Field Attochable				
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				
Rated Voltage:	24 V				
Rated Impulse Voltage:	4.0 kV (PCBA 2.0 kV)				
Operating Voltage:	24 V AC/DC				
Rated Current*:	10 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 mm²				
Suitable Cables:	Ø 4.5 - 9 mm				
Ambient Temperature (Operation)*:	ation)*: -25°C to +80°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:	Translucent
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

Protection Circuitry

Function Indicator:	Yellow LED
Protective Circuit:	Varistor

Additional Technical Data

Fastening Torque (Cable Gland): (250-375) Ncm	Fastening Torque (Contact Screw):	(40-50) Ncm for conductor size 0.5 - 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	Fastening Torque (Attachment):	(50-60) Ncm

Approvals

VDE:	Yes
SEV:	Yes

Safety & Environmental Compliance

		RoHS Compliant:	Yes	
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Notes

Note Derating:	Notice derating		
Protection Degree / IP Rating Note:	Protection Degree and IP Rating per test standard IEC 60529 using a Hirschmann / Lumberg Automation mating product		
Note:	Do not connect or disconnect under load.		

Variants

Item #	Item Description	Central Screw	Gasket	Packaging	Replacement For
934888084	GDM21L6-V24-10D	1- Steel Screw, Combi Head	0 - Sold Separately	D - Collect packaging 50 pieces, assembled	ID: 934417003 Name: GDML 2016 LED 24 VR YE gy

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