



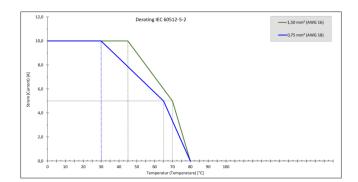
Product: <u>GDM21F6-L11-10D</u> ☑

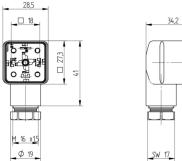
GDM Standard DIN Standard Field Attachable Connector: Form A, 3-pin (2+1PE; PE across cable outlet), transparent housing, screw type, M16; with yellow LED, 110 V AC/DC, 10 A

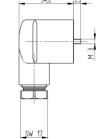
Product Description

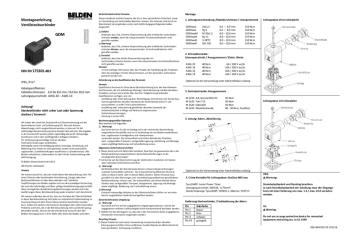
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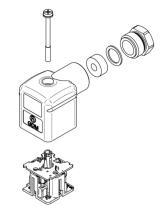
Technical Drawing

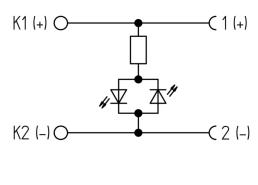


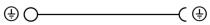












Technical Specifications

Product Life Cycle

Availability:	Active			
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: 934423003 Name: GDML 2016 LED 120 YE grau			
Rated Voltage:	120 V			
Rated Impulse Voltage:	4.0 kV (PCBA 2.0 kV)			
Operating Voltage:	110 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 mm ²			
Suitable Cables:	Ø 4.5 - 9 mm			
Ambient Temperature (Operation)*:	-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:	ategory: Ill 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:	Black		
Attachment Material:	Steel, Philips combi slot		
Gasket Material:	Sold separately		

Protection Circuitry

Additional Technical Data

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	

Approvals

VDE:	Yes
SEV:	Yes

Safety & Environmental Compliance

Nata Davating:	
Notes	
RoHS Compliant:	Yes

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 Description		Gasket	Packaging	Replacement For
9348880	19 GDM21F6-L11-10D	1- Steel Screw, Combi Head	0 - Sold Separately	D - Collect packaging 50 pieces, assembled	ID: 934423002 Name: GDML 2016 LED 120 YE bk

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