



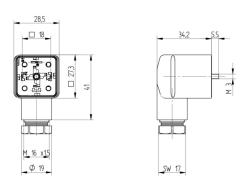
Product: GDM21F6-L14-10D ☐

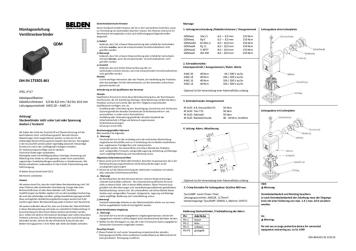
GDM Standard DIN Standard Field Attachable Connector: Form A, 3-pin (2+1PE; PE across cable outlet), transparent housing, screw type, M16; with yellow LED, 24 V AC/DC, 10 A

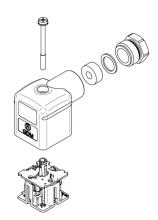
Product Description

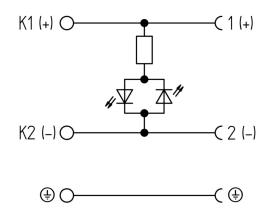
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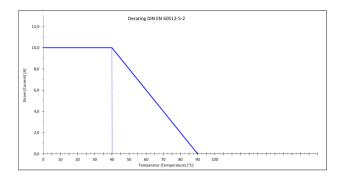
Technical Drawing











Technical Specifications

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: 934412003 Name: GDML 2016 LED 24 grau (Yellow LED instead of Red LED)		
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 mm ²		
Suitable Cables:	Ø 4.5 - 10 mm		
Ambient Temperature (Operation)*:	-25 °C - +90 °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:	Transparent	
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

Function Indicator:	Yellow LED

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):	(150-200) Ncm
Fastening Torque (Attachment):	(50-60) Ncm

Approvals

VDE:	yes
SEV:	yes

Safety & Environmental Compliance

RoHS Compliant:	yes

Notes

Note Derating:	Notice derating
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	Replacement For
934888017	GDM21F6-L14-10D	ID: 934412003 Name: GDML 2016 LED 24 grau (Yellow LED instead of Red LED)

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