



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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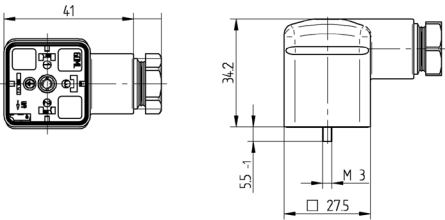
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GDM Series Valve Connectors, Type A, Field Attachable Female Connectors, Protection Circuit: Recovery Diode and LED

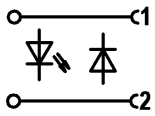
Technical Information

Product Description	
Order Designation	GDM21FX-D2X
	
Description	Valve connector GDM series, type A, female connector, field attachable
RoHS-Compliant (2011/65/EU)	Yes
(Construction Type) Standard	DIN EN 175301-803-A
Approvals	VDE, SEV
Connectible Cables	M16: 4.5 to 10 mm; PG9: 4.5 to 7 mm; M20: 8 to 14 mm; PG11: 6 to 9 mm; 1/2" NPTF: 4 to 11 mm; G1/2" ISO: 6 to 12 mm
Conductor Size	0.25 x 1.5 mm ²
Technical Data	
No. of Pins	2 + PE
Ambient Temperature	-25 °C to +90 °C
Housing/Grip/Screw Coupling	PA
Contact Holder	PA
Contact	CuZn
Central Screw	4.8, Fe/Zn B
O-Ring Material	SBR/NBR
Flammability Class	HB
Mechanical Data	
Degree of Protection	IP65 (only when mated with Hirschmann/Lumberg counterparts)
Terminal Type	Screw
Electrical Data	
Circuit	Recovery Diode
Contact Resistance	≤ 4 mΩ
Rated Voltage	24 V DC, 48 V DC
Rated Current	10 A
Pollution Degree	3
Accessories	
Scope of Delivery or Accessories (incl.)	Central screw
Accessories to be Ordered Separately	<p>Gasket:</p> <p>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 731-531-002, NBR, Temp. range: -30 °C to +90 °C, profiled gasket GDM 3-16, black 735-823-002, EPDM Temp. range: -40 °C to +125 °C, profiled gasket GDM 3-24, brown</p> <p>Central screw: 732488002, knurled screw (gray), GDM 3011-7 734363001, stainless steel screw, GDM 3011 RF-1 735507002, torx screw, GDM 3011-18</p>
Technical Drawing	
	













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Circuit Diagram

P-Code: D2



Order Information

Order Designation	No. of Pins	Circuit	Cable Gland	Rated Voltage	Rated Current	Characteristics
GDM21F6-D24	2 + PE	yellow LED, recovery diode	M16 x 1.5	24 V DC	10 A	  
GDM21F6-D28	2 + PE	yellow LED, recovery diode	M16 x 1.5	48 V DC	10 A	  
GDM21FA-D24	2 + PE	yellow LED, recovery diode	M20 x 1.5	24 V DC	10 A	  
GDM21FA-D28	2 + PE	yellow LED, recovery diode	M20 x 1.5	48 V DC	10 A	  
GDM21FB-D24	2+PE	Yellow LED, recovery Diode	PG11	24 V DC	10 A	