

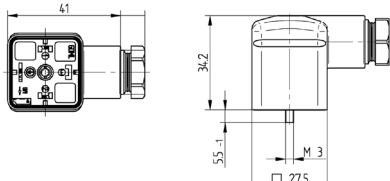


GDM Series Valve Connectors, Type A, Field Attachable Female Connectors, no Circuit, with and without Bridge-rectifier

Technical Information

Product Description		
Order Designation	GDMXXX-AOU	GDMXXX-D3U
		
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	Ø 4.5 to 10 mm	
Conductor Size	0.25 x 1.5 mm ²	
Technical Data		
No. of Pins	2 + PE, 3 + PE	2 + PE
Ambient Temperature	-40 °C to +125 °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	GDM31...: screw-type terminal, GDM3C: crimping
Electrical Data		
Circuit	None	No protection circuit with bridge rectifier
Contact Resistance	≤ 4 mΩ	
Rated Voltage	250 V AC/DC	230 V AC/DC
Rated Current	16 A	1 A
Pollution Degree	3	
Accessories		
Scope of Delivery or Accessories (incl.)	Central screw	
Accessories to be Ordered Separately	Gasket: 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 Central screw: 732488002, knurled screw (gray), GDM 3011-7 734363001, stainless steel screw, GDM 3011 RF-1 735507002, torx screw, GDM 3011-18	Gasket: 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 Central screw: 732488002, knurled screw (gray), GDM 3011-7 734363001, stainless steel screw, GDM 3011 RF-1 735507002, torx screw, GDM 3011-18 GDM3C.../ GDM3J... only: Crimp contact 732384002 RBCB 630
Technical Drawing		
		

Additional options available upon request.

Be Certain with Belden

Circuit Diagram

P-Code: A0U

K1 + ○ ———— < 1 +

K2 - ○ ———— < 2 -

K3 + ○ ———— < 3 +

⊕ ○ ———— < ⊕

P-Code: D3

○ ———— c1



○ ———— c2

Order Information

Order Designation	No. of Pins	Circuit	Cable Gland	Rated Voltage	Rated Current	Characteristics
GDM2106-A0U	2 + PE	—	M16 x 1.5	250 V AC/DC	16 A	
GDM2109-A0U	2 + PE	—	PG9	250 V AC/DC	16 A	
GDM210A-A0U	2 + PE	—	M20 x 1.5	250 V AC/DC	16 A	
GDM210B-A0U	3 + PE	—	PG11	250 V AC/DC	16 A	
GDM210D-A0U	2 + PE	—	½ NPTF	250 V AC/DC	16 A	
GDM210E-A0U	2 + PE	—	G½" ISO 228	250 V AC/DC	16 A	
GDM3106-A0U	3 + PE	—	M16 x 1.5	250 V AC/DC	16 A	
GDM3109-A0U	3 + PE	—	PG9	250 V AC/DC	16 A	
GDM310A-A0U	3 + PE	—	M20 x 1.5	250 V AC/DC	16 A	
GDM310B-A0U	3 + PE	—	PG11	250 V AC/DC	16 A	
GDM310D-A0U	3 + PE	—	½ NPTF	250 V AC/DC	16 A	
GDM310E-A0U	3 + PE	—	G½" ISO 228	250 V AC/DC	16 A	
GDM2106-D3U	2 + PE	Bridge rectifier	M16 x 1.5	230 V AC/DC	1 A	
GDM210A-D3U	2 + PE	Bridge rectifier	M20 x 1.5	230 V AC/DC	1 A	