

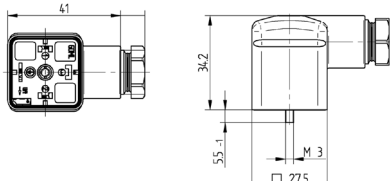


GDM Series Valve Connectors, Type A, Field Attachable Female Connectors, no Circuit, with and without Bridge-rectifier

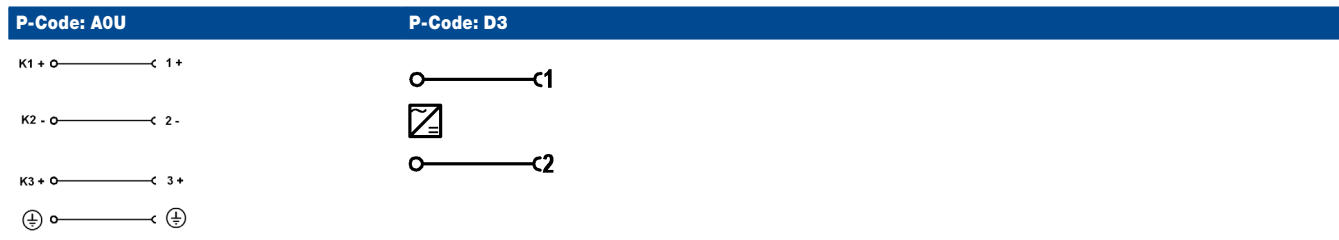
Technical Information

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



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	  

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Sensor Cables / Actuator Cables](#) category:

Click to view products by [Lumberg](#) manufacturer:

Other Similar products are found below :

[60963](#) [60964](#) [703000D02F2002](#) [703000D02F300](#) [703001D02F0602](#) [703001D02F1201](#) [703001D02F300](#) [704000D02F120](#) [MDM21SH001F](#)
[773032K02F030](#) [802027107404-1](#) [802027213811-1](#) [804001A09M150](#) [805001A09M0502](#) [84914-0235](#) [84914-0237](#) [885030A09M010](#)
[885030A09M020](#) [8R4006A18M010](#) [8R4J30E03C3003](#) [1200650503](#) [1200651713](#) [1200660844](#) [1200660845](#) [1200661173](#) [1200680071](#)
[1200720053](#) [1200720081](#) [1200720099](#) [1200720217](#) [1200720537](#) [1200800231](#) [1200860125](#) [1200870123](#) [1200650298](#) [1200660183](#)
[1200660782](#) [1200660849](#) [1200661295](#) [1200661297](#) [1200661342](#) [1200661343](#) [1200670080](#) [1200680331](#) [1200720252](#) [1200720255](#)
[1200720597](#) [1200730184](#) [1200860344](#) [1200870359](#)