
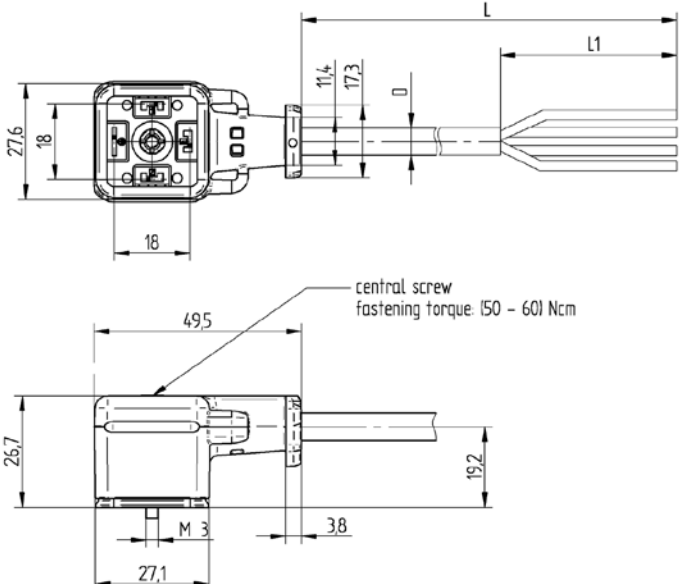


GDM Series Valve Connectors, Type A, Overmolded Female Connectors, Protection Circuit: Suppressor Diode

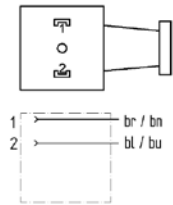
Technical Information

Product Description	
Order Designation	GAN2XLU-S2X
	
Description	Valve connector GDM series, type A, female connector overmolded, with function indicator (yellow LED) and protection circuit (suppressor diode)
RoHS-Compliant (2011/65/EU)	Yes
(Construction Type) Standard	DIN EN 175301-803-A
Approvals	VDE
Technical Data	
No. of Pins	2, 2 + 2 PE
Ambient Temperature	-25 °C to +85 °C (with additional gasket: -40 °C/+105 °C)
Housing/Grip/Screw Coupling	TPU, gray translucent
Contact Holder	PA 66
Contact	CuZn
Central Screw	4.8, Fe/Zn B
Flammability Class	HB
Mechanical Data	
Degree of Protection	IP67, IP68/IP69K with PUR cable (only when mated with Hirschmann/Lumberg counterparts)
Electrical Data	
Circuit	With/without yellow LED, suppressor diode
Rated Voltage	12/24 V AC/DC
Rated Current	10 A (cable: 0.75 mm ²), 6 A (cable: 0.5 mm ²)
Pollution Degree	3
Accessories	
Cable	PVC, PUR
Conductor Size	2 x 0.75 mm ² , 3 x 0.50 mm ² , 3 x 0.75 mm ²
Scope of Delivery or Accessories (incl.)	Central screw
Accessories to be Ordered Separately	735633002, GAN gasket 735656002, fixing clip for additional gasket
Technical Drawing	
	

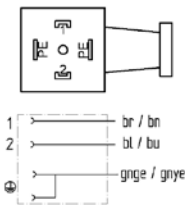
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Pin Assignment

GAN no PE

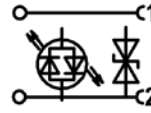


GAN 2 + 2 PE



Circuit Diagram

P-Code: S2



Order Information

Order No.	Order Designation	No. of Pins	Cable Length	Rated Voltage	Conductor Size	Jacket	Characteristics
934889119	GAN20LU-S22-6180200	2	2 M	12 V AC/DC	2 x 0.75 mm ²	PVC, gray	VDE C H I
934889127	GAN20LU-S22-6180500	2	5 M	12 V AC/DC	2 x 0.75 mm ²	PVC, gray	VDE C H I
934889121	GAN20LU-S22-6181000	2	10 M	12 V AC/DC	2 x 0.75 mm ²	PVC, gray	VDE C H I
934889033	GAN22LU-S24-2120200	2 + 2 PE	2 M	24 V AC/DC	3 x 0.50 mm ²	PVC, black	VDE C H I
934889034	GAN22LU-S24-2120500	2 + 2 PE	5 M	24 V AC/DC	3 x 0.50 mm ²	PVC, black	VDE C H I
934889035	GAN22LU-S24-2121000	2 + 2 PE	10 M	24 V AC/DC	3 x 0.50 mm ²	PVC, black	VDE C H I
934889036	GAN22LU-S24-2260200	2 + 2 PE	2 M	24 V AC/DC	3 x 0.50 mm ²	PUR, black	VDE C H I
934889038	GAN22LU-S24-2260500	2 + 2 PE	5 M	24 V AC/DC	3 x 0.50 mm ²	PUR, black	VDE C H I
934889039	GAN22LU-S24-2261000	2 + 2 PE	10 M	24 V AC/DC	3 x 0.50 mm ²	PUR, black	VDE C H I
934889105	GAN22LU-S24-6030200	2 + 2 PE	2 M	24 V AC/DC	3 x 0.75 mm ²	PUR, gray	VDE C H I
934889106	GAN22LU-S24-6030500	2 + 2 PE	5 M	24 V AC/DC	3 x 0.75 mm ²	PUR, gray	VDE C H I
7935	GAN22LU-S24-6031000	2 + 2 PE	10 M	24 V AC/DC	3 x 0.75 mm ²	PUR, gray	VDE C H I
934889102	GAN22LU-S24-6090200	2 + 2 PE	2 M	24 V AC/DC	3 x 0.75 mm ²	PVC, gray	VDE C H I
934889103	GAN22LU-S24-6090500	2 + 2 PE	5 M	24 V AC/DC	3 x 0.75 mm ²	PVC, gray	VDE C H I
8322	GAN22LU-S24-6091000	2 + 2 PE	10 M	24 V AC/DC	3 x 0.75 mm ²	PVC, gray	VDE C H I

Conversion table mm² to AWG on page 22.