
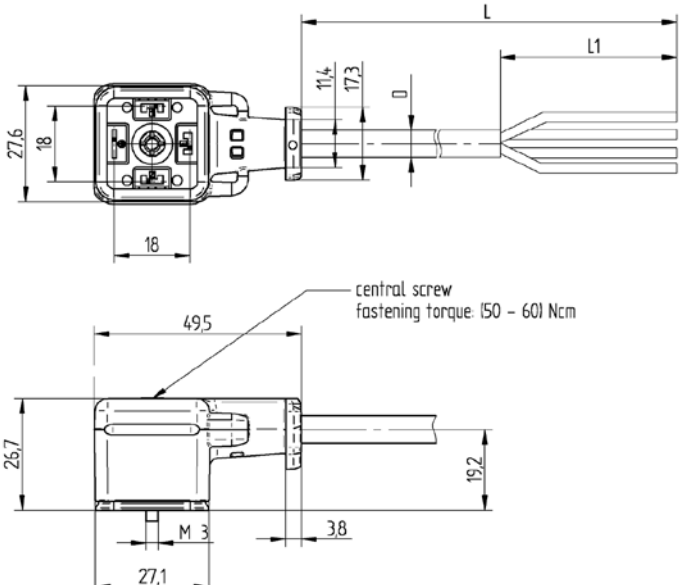




GDM Series Valve Connectors, Type A, Overmolded Female Connectors without Protection Circuit and LED

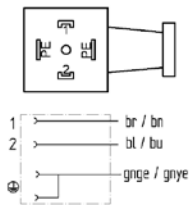
Technical Information

Product Description	
Order Designation	GAN22LU-L1X
	
Description	Valve connector GDM series, type A, female connector overmolded, with function indicator (yellow LED)
RoHS-Compliant (2011/65/EU)	Yes
(Construction Type) Standard	DIN EN 175301-803-A
Approvals	VDE
Technical Data	
No. of Pins	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	Yellow LED, no protection circuit
Rated Voltage	24 V AC/DC, 120 V AC/DC, 250 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	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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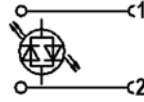
Pin Assignment

GAN 2 + 2 PE



Circuit Diagram

GAN22LU-L1X



Order Information

Order No.	Order Designation	No. of Pins	Cable Length	Rated Voltage	Conductor Size	Jacket	Characteristics
934889024	GAN22LU-L11-2260200	2 + 2 PE	2 M	120 V AC/DC	3 x 0.50 mm ²	PUR, black	
934889025	GAN22LU-L11-2260500	2 + 2 PE	5 M	120 V AC/DC	3 x 0.50 mm ²	PUR, black	
934889026	GAN22LU-L11-2261000	2 + 2 PE	10 M	120 V AC/DC	3 x 0.50 mm ²	PUR, black	
934889096	GAN22LU-L11-6030200	2 + 2 PE	2 M	120 V AC/DC	3 x 0.75 mm ²	PUR, gray	
934889097	GAN22LU-L11-6030500	2 + 2 PE	5 M	120 V AC/DC	3 x 0.75 mm ²	PUR, gray	
10553	GAN22LU-L11-6031000	2 + 2 PE	10 M	120 V AC/DC	3 x 0.75 mm ²	PUR, gray	
934889094	GAN22LU-L11-6090200	2 + 2 PE	2 M	120 V AC/DC	3 x 0.75 mm ²	PVC, gray	
934889095	GAN22LU-L11-6090500	2 + 2 PE	5 M	120 V AC/DC	3 x 0.75 mm ²	PVC, gray	
10554	GAN22LU-L11-6091000	2 + 2 PE	10 M	120 V AC/DC	3 x 0.75 mm ²	PVC, gray	
934889018	GAN22LU-L14-2120200	2 + 2 PE	2 M	24 V AC/DC	3 x 0.50 mm ²	PVC, black	
934889019	GAN22LU-L14-2120500	2 + 2 PE	5 M	24 V AC/DC	3 x 0.50 mm ²	PVC, black	
934889020	GAN22LU-L14-2121000	2 + 2 PE	10 M	24 V AC/DC	3 x 0.50 mm ²	PVC, black	
934889021	GAN22LU-L14-2260200	2 + 2 PE	2 M	24 V AC/DC	3 x 0.50 mm ²	PUR, black	
934889022	GAN22LU-L14-2260500	2 + 2 PE	5 M	24 V AC/DC	3 x 0.50 mm ²	PUR, black	
934889023	GAN22LU-L14-2261000	2 + 2 PE	10 M	24 V AC/DC	3 x 0.50 mm ²	PUR, black	
934889091	GAN22LU-L14-6030200	2 + 2 PE	2 M	24 V AC/DC	3 x 0.75 mm ²	PUR, gray	
934889092	GAN22LU-L14-6030275	2 + 2 PE	2.75 M	24 V AC/DC	3 x 0.75 mm ²	PUR, gray	
934889093	GAN22LU-L14-6030500	2 + 2 PE	5 M	24 V AC/DC	3 x 0.75 mm ²	PUR, gray	
9389	GAN22LU-L14-6031000	2 + 2 PE	10 M	24 V AC/DC	3 x 0.75 mm ²	PUR, gray	
934889089	GAN22LU-L14-6090200	2 + 2 PE	2 M	24 V AC/DC	3 x 0.75 mm ²	PVC, gray	
934889090	GAN22LU-L14-6090500	2 + 2 PE	5 M	24 V AC/DC	3 x 0.75 mm ²	PVC, gray	
10555	GAN22LU-L14-6091000	2 + 2 PE	10 M	24 V AC/DC	3 x 0.75 mm ²	PVC, gray	
934889027	GAN22LU-L1Y-2120200	2 + 2 PE	2 M	250 V AC/DC	3 x 0.50 mm ²	PVC, black	
934889028	GAN22LU-L1Y-2120500	2 + 2 PE	5 M	250 V AC/DC	3 x 0.50 mm ²	PVC, black	
934889029	GAN22LU-L1Y-2121000	2 + 2 PE	10 M	250 V AC/DC	3 x 0.50 mm ²	PVC, black	
934889030	GAN22LU-L1Y-2260200	2 + 2 PE	2 M	250 V AC/DC	3 x 0.50 mm ²	PUR, black	
934889031	GAN22LU-L1Y-2260500	2 + 2 PE	5 M	250 V AC/DC	3 x 0.50 mm ²	PUR, black	
934889032	GAN22LU-L1Y-2261000	2 + 2 PE	10 M	250 V AC/DC	3 x 0.50 mm ²	PUR, black	
934889100	GAN22LU-L1Y-6030200	2 + 2 PE	2 M	250 V AC/DC	3 x 0.75 mm ²	PUR, gray	
934889101	GAN22LU-L1Y-6030500	2 + 2 PE	5 M	250 V AC/DC	3 x 0.75 mm ²	PUR, gray	
10556	GAN22LU-L1Y-6031000	2 + 2 PE	10 M	250 V AC/DC	3 x 0.75 mm ²	PUR, gray	
934889098	GAN22LU-L1Y-6090200	2 + 2 PE	2 M	250 V AC/DC	3 x 0.75 mm ²	PVC, gray	
934889099	GAN22LU-L1Y-6090500	2 + 2 PE	5 M	250 V AC/DC	3 x 0.75 mm ²	PVC, gray	
10557	GAN22LU-L1Y-6091000	2 + 2 PE	10 M	250 V AC/DC	3 x 0.75 mm ²	PVC, gray	

Conversion table mm² to AWG on page 22.