
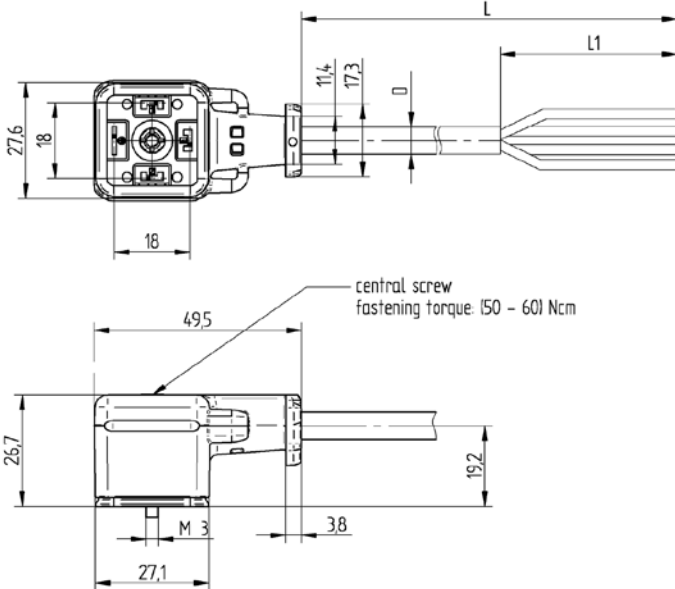




## GDM Series Valve Connectors, Type A, Overmolded Female Connectors, Protection Circuit: Varistor

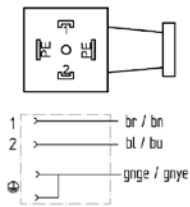
### Technical Information

Product Description	
Order Designation	GAN22LU-V2X
	
Description	Valve connector GDM series, type A, female connector overmolded, with function indicator (yellow LED) and protection circuit (varistor)
RoHS-Compliant (2011/65/EU)	Yes
(Construction Type) Standard	DIN EN 175301-803-A
Approvals	VDE
Technical Data	
No. of Pins	2 + 2 PE, 3 + 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, varistor
Rated Voltage	24 V AC/DC, 120 V AC/DC, 250 V AC/DC
Rated Current	10 A (cable: 0.75 mm <sup>2</sup> ), 6 A (cable: 0.50 mm <sup>2</sup> )
Pollution Degree	3
Accessories	
Cable	PVC, PUR
Conductor Size	3 x 0.50 mm <sup>2</sup> , 3 x 0.75 mm <sup>2</sup>
Scope of Delivery or Accessories (incl.)	Central screw
Accessories to be Ordered Separately	735633002, GAN gasket 735656002, fixing clip for additional gasket
Technical Drawing	
 <p style="text-align: center;">central screw fastening torque: 150 - 60 Ncm</p>	

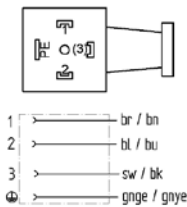
# Be Certain with Belden

## Pin Assignment

### GAN 2 + 2 PE

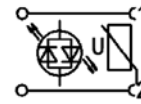


### GAN 3 + PE



## Circuit Diagram

### GAN22LU-V2X



## Order Information

Order No.	Order Designation	No. of Pins	Cable Length	Rated Voltage	Conductor Size	Jacket	Characteristics
934889040	GAN22LU-V21-2260200	2 + 2 PE	2 M	120 V AC/DC	3 x 0.50 mm <sup>2</sup>	PUR, black	VDE C U
934889041	GAN22LU-V21-2260500	2 + 2 PE	5 M	120 V AC/DC	3 x 0.50 mm <sup>2</sup>	PUR, black	
934889042	GAN22LU-V21-2261000	2 + 2 PE	10 M	120 V AC/DC	3 x 0.50 mm <sup>2</sup>	PUR, black	
934889117	GAN22LU-V21-6030200	2 + 2 PE	2 M	120 V AC/DC	3 x 0.75 mm <sup>2</sup>	PUR, gray	VDE C U
934889118	GAN22LU-V21-6030500	2 + 2 PE	5 M	120 V AC/DC	3 x 0.75 mm <sup>2</sup>	PUR, gray	
10559	GAN22LU-V21-6031000	2 + 2 PE	10 M	120 V AC/DC	3 x 0.75 mm <sup>2</sup>	PUR, gray	
934889115	GAN22LU-V21-6090200	2 + 2 PE	2 M	120 V AC/DC	3 x 0.75 mm <sup>2</sup>	PVC, gray	
934889116	GAN22LU-V21-6090500	2 + 2 PE	5 M	120 V AC/DC	3 x 0.75 mm <sup>2</sup>	PVC, gray	
10560	GAN22LU-V21-6091000	2 + 2 PE	10 M	120 V AC/DC	3 x 0.75 mm <sup>2</sup>	PVC, gray	
934889043	GAN22LU-V24-2120200	2 + 2 PE	2 M	24 V AC/DC	3 x 0.50 mm <sup>2</sup>	PVC, black	VDE C U
934889044	GAN22LU-V24-2120300	2 + 2 PE	3 M	24 V AC/DC	3 x 0.50 mm <sup>2</sup>	PVC, black	
934889045	GAN22LU-V24-2120500	2 + 2 PE	5 M	24 V AC/DC	3 x 0.50 mm <sup>2</sup>	PVC, black	
934889046	GAN22LU-V24-2121000	2 + 2 PE	10 M	24 V AC/DC	3 x 0.50 mm <sup>2</sup>	PVC, black	
934889047	GAN22LU-V24-2260060	2 + 2 PE	0.6 M	24 V AC/DC	3 x 0.50 mm <sup>2</sup>	PUR, black	VDE C U
934889048	GAN22LU-V24-2260200	2 + 2 PE	2 M	24 V AC/DC	3 x 0.50 mm <sup>2</sup>	PUR, black	
934889049	GAN22LU-V24-2260300	2 + 2 PE	3 M	24 V AC/DC	3 x 0.50 mm <sup>2</sup>	PUR, black	
934889050	GAN22LU-V24-2260500	2 + 2 PE	5 M	24 V AC/DC	3 x 0.50 mm <sup>2</sup>	PUR, black	
934889051	GAN22LU-V24-2261000	2 + 2 PE	10 M	24 V AC/DC	3 x 0.50 mm <sup>2</sup>	PUR, black	
934889052	GAN22LU-V24-2261500	2 + 2 PE	15 M	24 V AC/DC	3 x 0.50 mm <sup>2</sup>	PUR, black	
934889053	GAN22LU-V24-2262000	2 + 2 PE	20 M	24 V AC/DC	3 x 0.50 mm <sup>2</sup>	PUR, black	
934889054	GAN22LU-V24-2262500	2 + 2 PE	25 M	24 V AC/DC	3 x 0.50 mm <sup>2</sup>	PUR, black	
934889055	GAN22LU-V2Y-2120200	2 + 2 PE	2 M	250 V AC/DC	3 x 0.50 mm <sup>2</sup>	PVC, black	VDE C U
934889056	GAN22LU-V2Y-2120500	2 + 2 PE	5 M	250 V AC/DC	3 x 0.50 mm <sup>2</sup>	PVC, black	
934889057	GAN22LU-V2Y-2121000	2 + 2 PE	10 M	250 V AC/DC	3 x 0.50 mm <sup>2</sup>	PVC, black	
934889058	GAN22LU-V2Y-2260200	2 + 2 PE	2 M	250 V AC/DC	3 x 0.50 mm <sup>2</sup>	PUR, black	VDE C U
934889059	GAN22LU-V2Y-2260500	2 + 2 PE	5 M	250 V AC/DC	3 x 0.50 mm <sup>2</sup>	PUR, black	
934889060	GAN22LU-V2Y-2261000	2 + 2 PE	10 M	250 V AC/DC	3 x 0.50 mm <sup>2</sup>	PUR, black	
6446	GAN22LU-V2Y-6030200	2 + 2 PE	2 M	250 V AC/DC	3 x 0.75 mm <sup>2</sup>	PUR, gray	VDE C U
934889114	GAN22LU-V2Y-6030500	2 + 2 PE	5 M	250 V AC/DC	3 x 0.75 mm <sup>2</sup>	PUR, gray	
10563	GAN22LU-V2Y-6031000	2 + 2 PE	10 M	250 V AC/DC	3 x 0.75 mm <sup>2</sup>	PUR, gray	
934889111	GAN22LU-V2Y-6090200	2 + 2 PE	2 M	250 V AC/DC	3 x 0.75 mm <sup>2</sup>	PVC, gray	
934889112	GAN22LU-V2Y-6090500	2 + 2 PE	5 M	250 V AC/DC	3 x 0.75 mm <sup>2</sup>	PVC, gray	
10564	GAN22LU-V2Y-6091000	2 + 2 PE	10 M	250 V AC/DC	3 x 0.75 mm <sup>2</sup>	PVC, gray	
6447	GAN31LU-V2Y-6040200	3 + PE	2 M	250 V AC/DC	4 x 0.75 mm <sup>2</sup>	PUR, gray	

Conversion table mm<sup>2</sup> to AWG on page 22.