

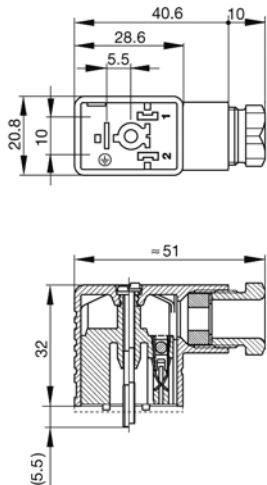
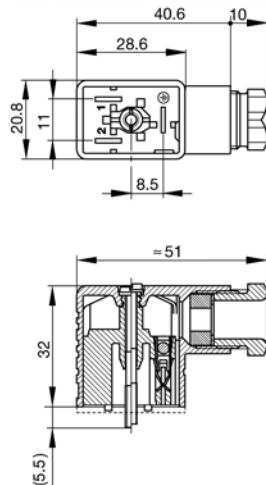


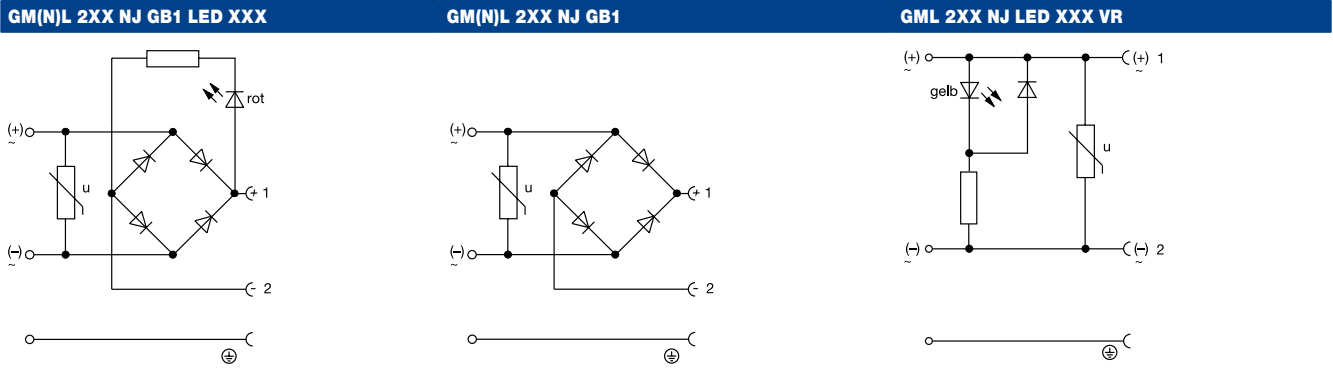
## GDM Series Rectangular Connectors, Type B, Field Attachable Female Connectors, DIN Standard and Industrial Standard, Protection Circuit: Varistor with/without Bridge Rectifier, with/without LED

### Technical Information

Product Description		
Order Designation	GMNL 2XX NJ LED XXX XXX	GML 2XX NJ LED XXX XXX
		
<b>Description</b>	Valve connector GDM series, type B, DIN standard, female connector field attachable, with/without function indicator (LED) and protection circuit (varistor with bridge rectifier)	Valve connector GDM series, type B, industrial standard, female connector field attachable, with/without function indicator (LED) and protection circuit (varistor with/without bridge rectifier)
<b>RoHS-Compliant (2011/65/EU)</b>	Yes	
<b>(Construction Type) Standard</b>	DIN EN 175 301-803-B	Industrial standard
<b>Approvals</b>	VDE	
<b>Connectible Cables</b>	Ø 4.5 to 10 mm	
<b>Conductor Size</b>	max. 1.5 mm <sup>2</sup>	
Technical Data		
<b>No. of Pins</b>	2 + PE	
<b>Ambient Temperature</b>	-40 °C to +90 °C	
<b>Housing/Grip/Screw Coupling</b>	PA	
<b>Contact Holder</b>	PA	
<b>Contact</b>	CuZn, tin-plated	
Mechanical Data		
<b>Degree of Protection</b>	IP65 (only when mated with Hirschmann/Lumberg counterparts)	
<b>Terminal Type</b>	Screw/terminal lug/crimp ring	
Electrical Data		
<b>Circuit</b>	Varistor with bridge rectifier, with/without LED	Varistor with/without bridge rectifier, with/without LED
<b>Contact Resistance</b>	≤ 10 mΩ	
<b>Rated Voltage</b>	24 V AC/DC, 250 V AC/DC	24 V AC/DC, 120 V AC/DC, 250 V AC/DC
<b>Rated Current</b>	2 A	
<b>Pollution Degree</b>	3	
Accessories		
<b>Accessories to be Ordered Separately</b>	(NBR) flat gasket GMN 209-3, Order-No: 733273002 (EPDM) flat gasket GMN 209-12, Order-No: 733271004 Knurled screw GDM 3011-8, Order No. 732574001 Stainless steel screw GDM 3011 RF-1, Order No. 734363001	(NBR) flat gasket GM 207-3, Order-No: 731423002 (EPDM) flat gasket GM 207-7, Order-No: 731755004 Knurled screw GDM 3011-8, Order No. 732574001 Stainless steel screw GDM 3011 RF-1, Order No. 734363001
Technical Drawing		
		

# Be Certain with Belden

## Circuit Diagram



## Order Information

Order No.	Order Designation	No. of Pins	Circuit	Cable Gland	Rated Voltage	Rated Current	Characteristics
933399100	GMNL 209 NJ GB1 black	2 + PE	Varistor, bridge rectifier	PG9	250 V AC/DC	2 A	
933399106	GMNL 209 NJ GB1 gray	2 + PE	Varistor, bridge rectifier	PG9	250 V AC/DC	2 A	
933400100	GMNL 209 NJ GB1 LED 24 black	2 + PE	Varistor, bridge rectifier, LED	PG9	24 V AC/DC	2 A	
933398100	GML 209 NJ GB1 black	2 + PE	Varistor, bridge rectifier	PG9	250 V AC/DC	2 A	
933398106	GML 209 NJ GB1 gray	2 + PE	Varistor, bridge rectifier	PG9	250 V AC/DC	2 A	
933642100	GML 209 NJ GB1 LED 24 black	2 + PE	Varistor, bridge rectifier, LED	PG9	24 V AC/DC	2 A	
933642106	GML 209 NJ GB1 LED 24 gray	2 + PE	Varistor, bridge rectifier, LED	PG9	24 V AC/DC	2 A	
933933100	GML 209 NJ GB1 LED 230 black	2 + PE	Varistor, bridge rectifier, LED	PG9	250 V AC/DC	2 A	
933933106	GML 209 NJ GB1 LED 230 gray	2 + PE	Varistor, bridge rectifier, LED	PG9	250 V AC/DC	2 A	
934459002	GML 216 NJ LED 24 VR YE black	2 + PE	Varistor, LED	M16	24 V AC/DC	2 A	
934459003	GML 216 NJ LED 24 VR YE gray	2 + PE	Varistor, LED	M16	24 V AC/DC	2 A	
933929100	GML 209 NJ LED 24 VR YE black	2 + PE	Varistor, LED	PG9	24 V AC/DC	2 A	
933929106	GML 209 NJ LED 24 VR YE gray	2 + PE	Varistor, LED	PG9	24 V AC/DC	2 A	
933934100	GML 209 NJ LED 120 VR YE black	2 + PE	Varistor, LED	PG9	120 V AC/DC	2 A	
933934106	GML 209 NJ LED 120 VR YE gray	2 + PE	Varistor, LED	PG9	120 V AC/DC	2 A	
933932100	GML 209 NJ LED 230 VR YE black	2 + PE	Varistor, LED	PG9	250 V AC/DC	2 A	
933932106	GML 209 NJ LED 230 VR YE gray	2 + PE	Varistor, LED	PG9	250 V AC/DC	2 A	