



## GDM Series Rectangular Connectors, Type B, Field Attachable Female Connectors, DIN Standard and Industrial Standard, Protection Circuit: Recovery Diode with LED

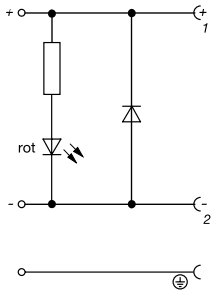
### Technical Information

Product Description		
Order Designation	GMNL 2XXX NJ LED 24 HH	GML 2XXX NJ LED 24 HH
Description	Valve connector GDM series, type B, DIN standard, female connector field attachable, with function indicator (LED) and protection circuit (recovery diode)	Valve connector GDM series, type B, industrial standard, female connector field attachable, with function indicator (LED) and protection circuit (recovery diode)
RoHS-Compliant (2011/65/EU)	Yes	
(Construction Type) Standard	DIN EN 175 301-803-B	Industrial standard
Approvals	VDE	
Connectible Cables	Ø 4.5 to 10 mm	
Conductor Size	max. 1.5 mm <sup>2</sup>	
Technical Data		
No. of Pins	2 + PE	
Ambient Temperature	-40 °C to +90 °C	
Housing/Grip/Screw Coupling	PA	
Contact Holder	PA	
Contact	CuZn, tin-plated	
Mechanical Data		
Degree of Protection	IP65 (only when mated with Hirschmann/Lumberg counterparts)	
Terminal Type	Screw/terminal lug/crimp ring	
Electrical Data		
Circuit	Recovery diode, red LED	
Contact Resistance	≤ 10 mΩ	
Rated Voltage	24 V DC, 120 V DC, 250 V DC	
Rated Current	8 A	
Pollution Degree	3	
Accessories		
Accessories to be Ordered Separately	(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		















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## Circuit Diagram

### GM(N)L 2XXX NJ LED 24 HH



## Order Information

Order No.	Order Designation	No. of Pins	Circuit	Cable Gland	Rated Voltage	Rated Current	Connectible Cables	Characteristics
934460002	GMNL 216 NJ LED 24 HH black	2 + PE	Recovery diode, LED	M16	24 V DC	8 A	Ø 4.5 to 10 mm	VDE  
934460003	GMNL 216 NJ LED 24 HH gray	2 + PE	Recovery diode, LED	M16	24 V DC	8 A	Ø 4.5 to 10 mm	VDE  
933388100	GMNL 209 NJ LED 24 HH black	2 + PE	Recovery diode, LED	PG9	24 V DC	8 A	Ø 4.5 to 7 mm	VDE  
933388106	GMNL 209 NJ LED 24 HH gray	2 + PE	Recovery diode, LED	PG9	24 V DC	8 A	Ø 4.5 to 7 mm	VDE  
934458002	GML 216 NJ LED 24 HH black	2 + PE	Recovery diode, LED	M16	24 V DC	8 A	Ø 4.5 to 10 mm	VDE  
934458003	GML 216 NJ LED 24 HH gray	2 + PE	Recovery diode, LED	M16	24 V DC	8 A	Ø 4.5 to 10 mm	VDE  
933389100	GML 209 NJ LED 24 HH black	2 + PE	Recovery diode, LED	PG9	24 V DC	8 A	Ø 4.5 to 10 mm	VDE  
933389106	GML 209 NJ LED 24 HH gray	2 + PE	Recovery diode, LED	PG9	24 V DC	8 A	Ø 4.5 to 10 mm	VDE 