

Connector, form B, analogue with EN 175301-803 (ISO 6952)

Housing

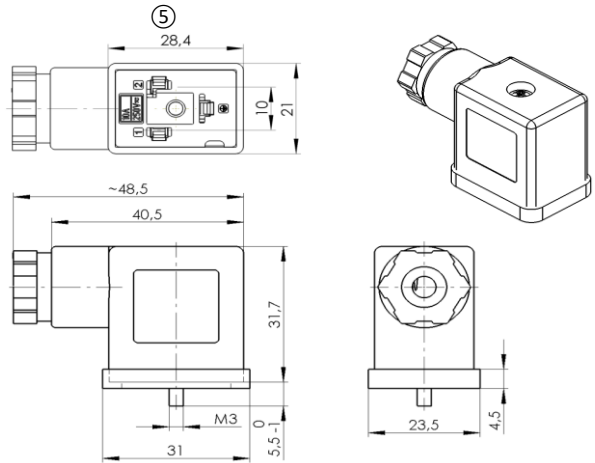
Type	one-piece
Color	opaque (milky)
Material	PA6 GF20
Imprint	circuit diagram; black; top side

Cable gland

Thread	M16 x 1,5 mm
Cable diameter	4-6, 6-8 mm
Color	black
Material	PA6 GF30
Tightening torque	1,8 ± 0,2 Nm

Terminal block

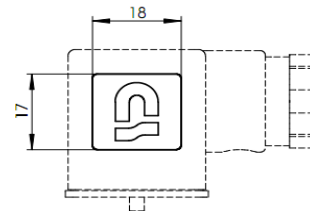
Material	PA6 GF30
Poles	2 + PE
Direction of protecting earth	12 h
Contact distance	10 mm



⑤ Contacts **

Material	CuZn, tin-plated
Resistance	< 15 mOhm
Conductor cross-section	0,5 - 1,5 mm²
Tightening torque	max. 0,3 Nm

Logo



Gasket

Material	NBR, black
Type	profile

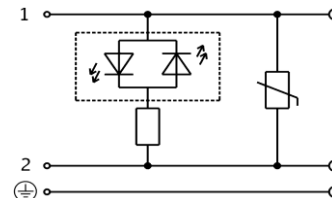
Fastening screw

⑤ Material	steel 4.8, coated with zinc-nickel
⑤ Size	M3 x 34,0 mm (with cross recess)
Tightening torque	0,4 ± 0,1 Nm
Sealing washer	n/a

Circuit

Circuit	LED + varistor
Color of LED	red
Protecting element	yes, varistor
Voltage	24 V ± 15 %
Current type	AC / DC
Operating current	max. 1,5 A
Protecting against wrong polarity	yes

Circuit diagram



General properties

Ambient temperature range	-25°C ... +90°C
RoHS	yes
CSA approval	n/a
Protection grade (IEC 60529) *	IP65

Packaging

Single packaging. Terminal block and housing are packed in pre-assembled condition. Cable gland components are packed loose. Fastening screw is inserted into the plastic bag. Profile gasket is inserted into the plastic bag. The transparent packaging bag is printed with customer specific informations.

* Must be tested in properly mounted state on the counterpart.

** In order to establish a suitable electrical connection, the use of ferrules for stranded respectively fine-stranded conductors is mandatory. Be aware that the conductor cross-section affects the maximum current-load capacity.

				Zulässige Abweichung für Maße ohne Toleranzangabe Unless otherwise specified tolerances				Format/Size: A4		Maßstab/Scale:		Gewicht/Weight:	
				DIN ISO 2768-v		Schutzvermerk beachten Observe protection note ISO 16016		Benennung: Title: Connector field att. B 03Br					
5	31761	05.01.2023	BKI										
4	29839	17.02.2020	AKO										
3	29397	26.06.2019	GJO										
2	27893	29.06.2017	LMA										
1	25630	15.09.2014	PKR										
Ind Rev	Änderung-Nr. Change no.	Datum Date	Name By			Ident. - Nr.:		Freigabe-Nr.: Approval no.:		Blatt: Sheet:			
Geprüft: Checked:		05.01.2023 JONAS				613-201-0071		24263		1			
Erstellt: Created:		07.09.2012 MANGRA				Ersatz für/Replacement for:							