

Connector, form B, industrial type

Housing

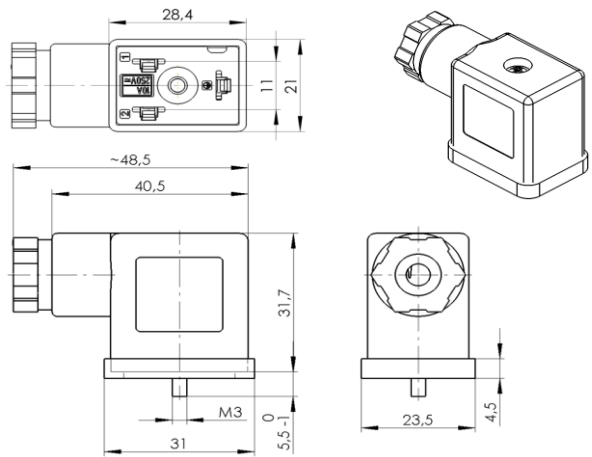
Type	one-piece
Color	opaque (milky)
Material	PA6 GF20
Imprint	circuit diagram; black; top side

Cable gland

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

Terminal block

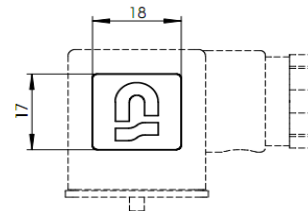
Material	PA6 GF30
Poles	2 + PE
Direction of protecting earth	12 h
Contact distance	11 mm



④ 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

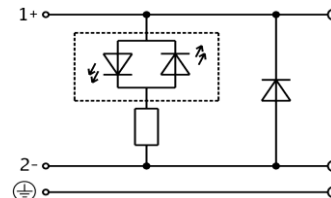
Fastening screw

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

Circuit

Circuit	LED + flyback diode
Color of LED	red
Protecting element	yes, diode
Voltage	24 V ± 15 %
Current type	DC
Operating current	max. 1,5 A
Protecting against wrong polarity	no

Circuit diagram



General properties

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

Packaging

100 pcs packaging. Terminal block and housing are packed in pre-assembled condition. Cable gland componets are pre-assembled in housing. Fastening screw is inserted in the packet in packaged condition. Profile gasket is inserted into the packet in packaged condition.

* 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	Werkstoff: Material:		
4	31645	07.10.2022	BKI	Schutzvermerk beachten Observe protection note ISO 16016	Benennung: Title: Connector field att. I 02Br		
3	31552	19.07.2022	BKI				
2	29839	14.02.2020	AKO				
1	29397	26.06.2019	GJO				
Ind Rev	Änderung-Nr. Change no.	Datum Date	Name By		Ident. - Nr.:	Freigabe-Nr.: Approval no.:	Blatt: Sheet:
Geprüft: Checked:	07.10.2022 JONAS				612-201-0084	27722	1
Erstellt: Created:	02.05.2017 MANGRA				Ersatz für/Replacement for:		