

Connector, form A, analogue with EN 175301-803 (ISO 4400)

Housing

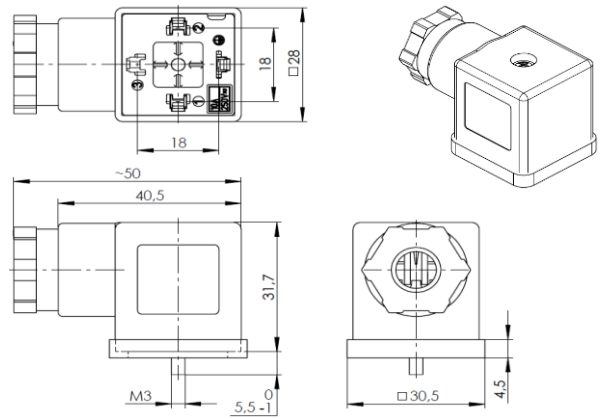
Type	one-piece
Color	opaque (milky)
Material	PA6 GF20
Imprint	circuit diagram; black; top side

Cable gland

Thread	M20 x 1,5 mm
Cable diameter	8-10 mm
Color	black
Material	PA6 GF30
Tightening torque	1,8 ± 0,2 Nm

Terminal block

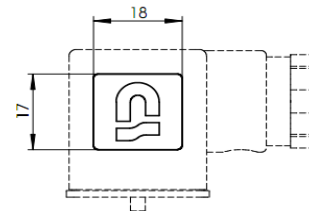
Material	PA6 GF30
Poles	2 + PE
Direction of protecting earth	12 h
Contact distance	18 mm



④ Contacts **

Material	CuZn, tin-plated
Resistance	< 15 mOhm
Conductor cross-section	0,5 - 1,5 mm ²
Tightening torque	max. 0,3 Nm

Logo



Gasket

Material	NBR, black
Type	profile

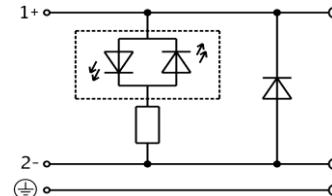
Fastening screw

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		Benennung: Title: Connector field att. A 02Br									
4				31645								07.10.2022		BKI	
3				31537								13.07.2022		BKI	
2				29839		13.02.2020		AKO		Schutzvermerk beachten Observe protection note ISO 16016					
1				29329		28.05.2019		GJO							
Ind Rev		Änderung-Nr. Change no.		Datum Date		Name By									
Geprüft: Checked:		07.10.2022 JONAS													
Erstellt: Created:		21.03.2017 MANGRA													
Ident. - Nr.:		611-201-0195				Freigabe-Nr.: Approval no.:		27389		Blatt: Sheet:		1			
Ersatz für/Replacement for:															