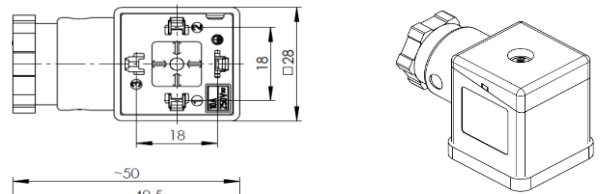


Connector, form A, analogue with EN 175301-803 (ISO 4400)

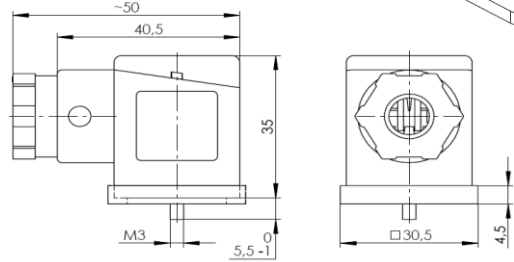
Housing

Type two-piece
 Color black, with milky cover
 Material PA6 GF30 / PA6 GF20
 Imprint circuit diagram; black; top side



Cable gland

Thread M20 x 1,5 mm
 Cable diameter 6-8 mm
 Color black
 Material PA6 GF30
 Tightening torque 1,8 ± 0,2 Nm



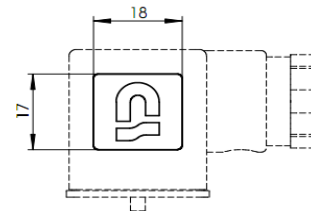
Terminal block

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

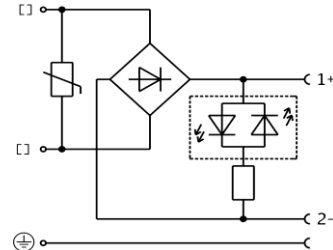
Fastening screw

④ Material steel 4.8, coated with zinc-nickel
 ④ Size M3 x 37,0 mm (with cross recess)
 Tightening torque 0,4 ± 0,1 Nm
 Sealing washer n/a

Circuit

Circuit LED + bridge rectifier + varistor
 Color of LED red
 Protecting element yes, varistor on input, diodes on output
 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

100 pcs packaging. Terminal block and housing are packed in pre-assembled condition. Cable gland components 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	31664	19.10.2022	BKI	Schutzvermerk beachten Observe protection note ISO 16016	Benennung: Title:		
3	31554	26.07.2022	BKI		Connector field att. A 09Br		
2	29838	19.02.2020	AKO				
1	29379	19.06.2019	GJO				
Ind Rev	Änderung-Nr. Change no.	Datum Date	Name By		Ident. - Nr.:	Freigabe-Nr.: Approval no.:	Blatt: Sheet:
Geprüft: Checked:					611-201-0308	27389	1
Erstellt: Created:					Ersatz für/Replacement for:		