

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

Housing

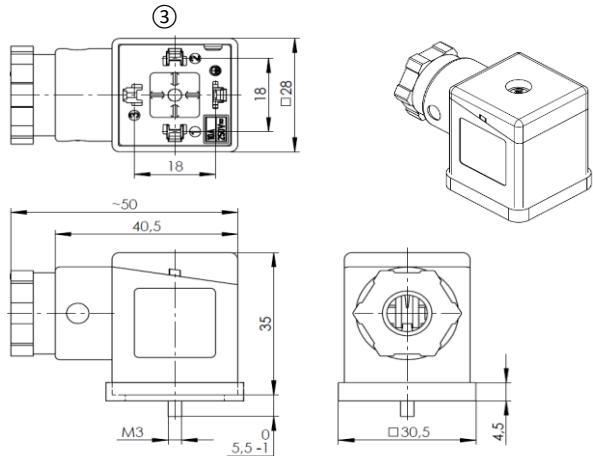
Type: two-piece
 Color: black, with milky cover
 Material: PA6 GF30 / PA6 GF20
 Imprint: circuit diagram; black; top side

Cable gland

Thread: M20 x 1,5 mm
 Cable diameter: 6-8, 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



③ Contacts **

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

Gasket

Material: NBR, black
 Type: profile

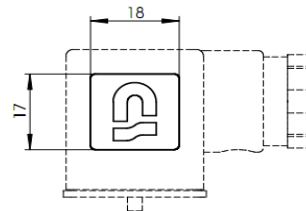
Fastening screw

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

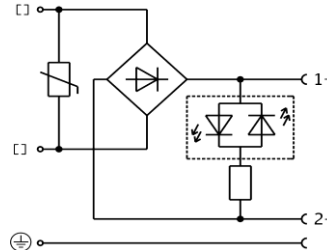
Circuit

Circuit: LED + bridge rectifier + varistor
 Color of LED: red
 Protecting element: yes, varistor on input, diodes on output
 Voltage: 230 V ± 15 %
 Current type: AC / DC
 Operating current: max. 1,5 A
 Protecting against wrong polarity: yes

Logo



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 pre-assembled in the housing. 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 DIN ISO 2768-v	Format/Size: A4	Maßstab/Scale:	Gewicht/Weight:
				Schutzvermerk beachten Observe protection note ISO 16016	Werkstoff: Material:		
3	31686	01.12.2022	BKI		Benennung: Title:		
2	29838	20.02.2020	AKO		<h1>Connector field att. A 09Er</h1>		
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:					611-201-1246	27801	1
Erstellt: Created:					Ersatz für/Replacement for:		