

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

Housing

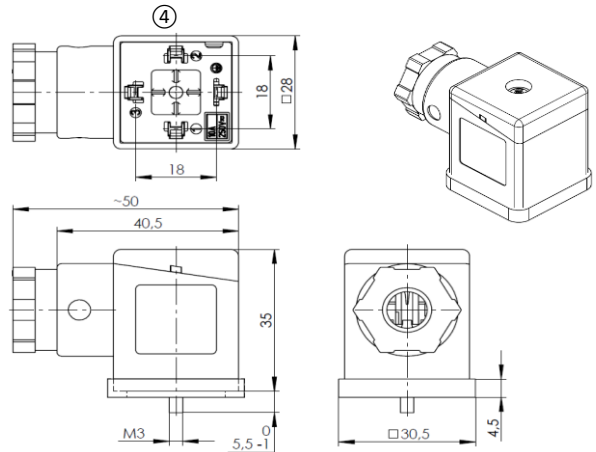
Type	two-piece
Color	black, with milky cover
Material	PA6 GF30 / PA6 GF20
Imprint	circuit diagram; white; top side

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

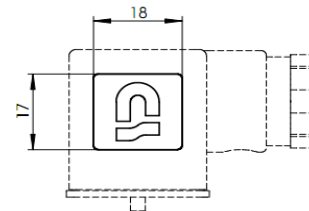
Material	PA6 GF30
Poles	3 + PE
Direction of protecting earth	12 h
Contact distance	18 mm



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

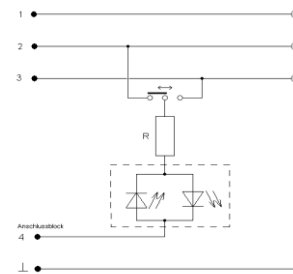
Fastening screw

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 with jumper (2/3 to block)
Color of LED	yellow
Protecting element	n/a
Voltage	12 - 24 V ± 15 %
Current type	AC / DC
Operating current	max. 10 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

④ Packaging

Single packaging. Terminal block and housing are packed in pre-assembled condition. Cable gland components are pre-assembled in housing. Fastening screw is pre-assembled in the housing. Profile gasket is inserted into the plastic bag. The transparent packaging bag is printed with product 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	Werkstoff: Material:		
4	31686	01.12.2022	BKI		Benennung: Title:	Connector field att. A 30Fy	
3	31214	31.01.2022	TTO	Schutzvermerk beachten Observe protection note ISO 16016			
2	29379	19.06.2019	GJO				
1	28878	06.11.2018	AKO				
Ind Rev	Änderung-Nr. Change no.	Datum Date	Name By		Ident. - Nr.:	Freigabe-Nr.: Approval no.:	Blatt: Sheet:
Geprüft: Checked:	01.12.2022 JONAS				611-201-1290	28748	1
Erstellt: Created:	11.09.2018 JONAS				Ersatz für/Replacement for:		