

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

Housing

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

Contacts **

Material	CuZn, tin-plated
Resistance	< 15 mOhm
Conductor cross-section	0,5 - 1,5 mm ²
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	bridge rectifier + varistor
Color of LED	n/a
Protecting element	yes, varistor on input, diodes on output
Voltage	0 - 230 V +15%
Current type	AC / DC
Operating current	max. 1,5 A
Protecting against wrong polarity	yes

General properties

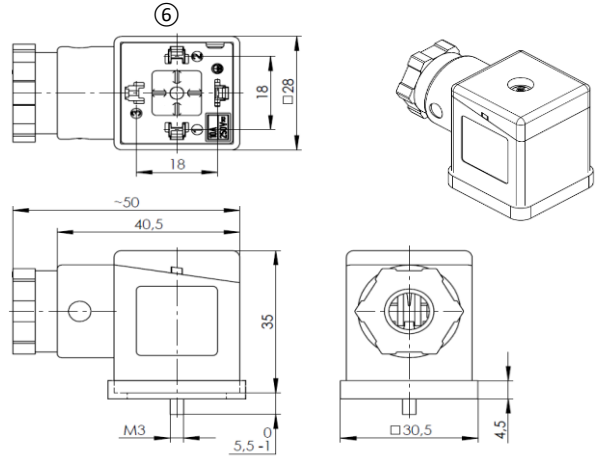
Ambient temperature range	-25°C ... +90°C
RoHS	yes
CSA approval	n/a
Protection grade (IEC 60529) *	IP65

Packaging

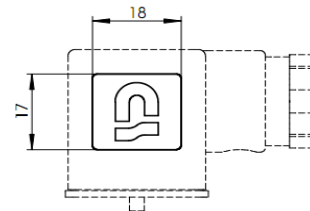
Single packaging. Terminal block and housing are packed in pre-assembled condition. Cable gland components are packed loose. Fastening screw is inserted into the plastic bag. Profile gasket is inserted into the plastic bag. The transparent packaging bag is printed with customer specific informations.

* Must be tested in properly mounted state on the counterpart.

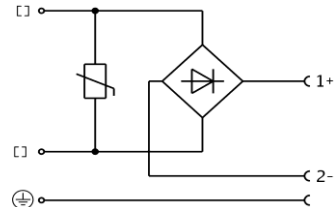
** In order to establish a suitable electrical connection, the use of ferrules for stranded respectively fine-stranded conductors is mandatory. Be aware that the conductor cross-section affects the maximum current-load capacity.



Logo



Circuit diagram



				Zulässige Abweichung für Maße ohne Toleranzangabe Unless otherwise specified tolerances				Format/Size: A4		Maßstab/Scale:		Gewicht/Weight:	
6	31686	01.12.2022	BKI	DIN ISO 2768-v		Werkstoff: Material:	Connector field att. A 08Qx						
5	31663	17.10.2022	BKI										
4	31519	11.07.2022	GJO										
3	30031	13.05.2020	AKO	Schutzvermerk beachten Observe protection note ISO 16016	Benennung: Title:								
2	28878	06.11.2018	AKO										
1	25630	15.09.2014	PKR										
Ind Rev	Änderung-Nr. Change no.	Datum Date	Name By			Ident. - Nr.:	611-201-1040		Freigabe-Nr.: Approval no.:	24190	Blatt: Sheet:	1	
Geprüft: Checked:		01.12.2022 JONAS					Ersatz für/Replacement for:						
Erstellt: Created:		20.03.2013 MANGRA											