

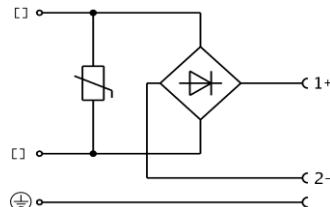
SAP TIM

The technical drawing illustrates the dimensions of the M80-100 sensor across four views:

- Top View:** Shows a square mounting plate with a width of 28 mm. The central hole has a diameter of 15 mm. A rectangular cutout measures 18 mm by 18 mm. Electrical terminals are labeled "IOA" and "250V".
- Side View:** Indicates a total height of approximately 50 mm (~50) and a mounting flange thickness of 40 mm.
- Front View:** Shows the main body with a height of 35.2 mm and a base thickness of 5 mm. The base features an M3 threaded hole.
- Rear View:** Displays the back of the unit with a circular feature having a diameter of 30.5 mm and a mounting tab with a thickness of 4.5 mm.

Logo

Circuit diagram



Circuit	bridge rectifier + varistor
Color of LED	n/a
Protecting element	yes, varistor
Voltage	230 V $\pm$ 15 %
Current type	AC / DC
Operating current	max. 3 A
Protecting against wrong polarity	yes

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

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.

				Zulässige Abweichung für Maße ohne Toleranzangabe Unless otherwise specified tolerances		Format/Size: A4		Maßstab/Scale:		Gewicht/Weight:									
6	31664	19.10.2022	BKI	DIN ISO 2768-v		Werkstoff: Material:													
5	28630	07.09.2018	GJO																
4	28539	05.07.2018	GJO																
3	26888	11.05.2016	LMA	Schutzvermerk beachten Observe protection note ISO 16016		Benennung: Title: Connector field att. A 42Ex EZ													
2	26481	04.11.2015	PKR																
1	25955	26.02.2015	PKR																
Ind Rev	Änderung-Nr. Change no.	Datum Date	Name By			Ident. - Nr.: 611-201-1167													
Geprüft: Checked:		19.10.2022 JONAS										Freigabe-Nr.: Approval no.:		25846		Blatt: Sheet:		1	
Erstellt: Created:		13.01.2015 KROZSER										Ersatz für/Replacement for:							