

Ex inductive sensors

// Ex RM 1W 1 24 VDC Order no.: 90583001

Features/Options

- Thermoplastic enclosure
- Output: Relay
- 40 mm housing width
- 24 VDC or 230 VAC operating voltage

Technical data

Standards	IEC/EN 60947-5-2; EN 50014; EN 50020
Enclosure	thermoplastic, PA
Dimensions	40 x 70 x 110 mm (WxHxD)
Mounting DIN	DIN rail mounting per DIN EN 50022
Connection	screw clamps
Degree of protection	IP 20 to IEC/EN 60529
Operating voltage U_e	24 VDC $\pm 15\%$, 230 VAC $+10/-15\%$
Power consumption	1.8 W, 1.5 VA
Output power P_o	max. 50 mW
Output voltage U_o	max. 12.6 VDC
Output current I_o	max. 15.9 mA
Output	relay: change-over contact
Switching voltage	250 VAC/24 VDC
Switching current	4 A, $\cos \varphi > 0,7$
Display	LEDs, red: wire-break and short circuits yellow: relay pulled green: operating voltage
Ambient temperature	$-20\text{ }^\circ\text{C} \dots +60\text{ }^\circ\text{C}$
Ex-marking	Ⓔ II (1)GD [EEx ia] IIC
Approvals	TÜV 06 ATEX 553146

Errors and omissions excepted.