

Plastic bodied limit switch Series T12

Description **T12-A2Z RIW M12**

Article number **6188817094**

Operating symbol

Plug

Fixed positioning with e.g. fixing screw M5 according to the standard DIN EN ISO 4762.

The cable gland with cable is shown symbolically and does not necessarily correspond to the delivery condition.

Operating diagram

On
 Off

Tolerance:
Operating point $\pm 0,25$ mm;
Actuating force ± 10 %

Electrical Data		
Rated insulation voltage	U_i	250 V AC
Conv. thermal current	I_{the}	4 A AC; 2,5 A DC
Rated operational voltage	U_e	240 V AC; 250 V DC
Utilization category		AC-15, U_e/I_e 240 V / 3 A; DC-13, U_e/I_e 250 V / 0,27 A
Direct opening action		acc. to IEC/EN 60947-5-1, Annex K
Short-circuit protective device		Fuse 2 A gG
Protection class		II, totally insulated

Mechanical data	
Enclosure	Thermoplastic, glass fibre reinforced (UL 94-V0)
Cover	Thermoplastic, glass fibre reinforced (UL 94-V0)
Actuator	Roller (thermoplastic)
Ambient air temperature	-30 °C ... +80 °C (applies to switch, excluding cable and plug)
Contact type	2 NC (Zb)
Mechanical life	3 x 10 ⁶ operating cycles
Switching frequency	≤ 100 / min.
Assembly	2 x M4 or 2 x M5 fixed position for safety applications
Connection	Cabel, PUR-Outer jacket; with M12 plug, 4 pole (A coded)
Weight	≈ 0,06 kg
Installation position	operator definable
Protection type	IP65 acc. to EN 60529

ID for safety engineering	
B10d	6 x 10 ⁶ cycles

Actuation	
The actuating device is preferably started from 2 sides.	

Standards	
	DIN EN 60947-5-1
	DIN EN ISO 13849-1

EU Conformity	
	acc. to directive 2014/35/EU (Low-Voltage-Directive)

Notes	
The degree of protection specified (IP code) applies only to a properly closed cover and the use of an equivalent connector.	