

**SECURITY MAGNETICALLY CONTACT DETECTOR IO 102-15/2****Description**

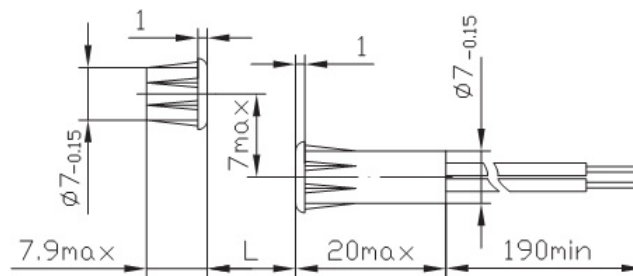
IO 102-15/2 security magnetically contact detector is designed for locking doorways and windows, arranging "trapping" medium as well as locking other elements of buildings with an alarm signal raised to a control panel, concentrator or central surveillance system by opening reed switch contacts. Detector consists of a reed sensor and driving element (magnet) in plastic housing. It is designed for continuous operation.

**Installation:**

For installation a plastic surface should be drilled.

**Dimensions**

Dimensions in mm

**Specifications**

Switching voltage range, V	0,05-72
Switching current range, mA	0,1-250
Switching power, W, max	10
Life min	$10^6$
Output electrical resistance	
• at closed contacts (at $100 \pm 10$ mA), Ohm, max	0,5
• at open contacts, kOhms, min	200
If sensor and magnet are located parallel contacts should be:	
• closed - at the distance between them, mm	$\leq 8$
• open - at the distance between them, mm	$\geq 45$
Allowable offset of sensor and magnet, mm, max	7
Insulation resistance between leads of sensor:	
• in normal climatic conditions, Ohms, min	$5 \cdot 10^6$
• at high relative humidity 98%, Ohms, min	$2 \cdot 10^5$
Breakdown voltage between sensor leads and case, $V_{AC} / V_{DC}$ , min	500 / 700
Operating temperature range, °C	-40 ... +45
High humidity at +25 °C, %, max	98
Vibration proof at 10 to 35 Hz, $m \cdot sec^{-2}$ (g), max	4,9 (0,5)
Failure time, h, min	200000
Life time, years, min	8
Sensor/magnet weight, g, max	2,33/1,13