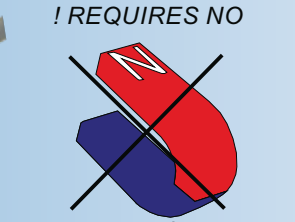
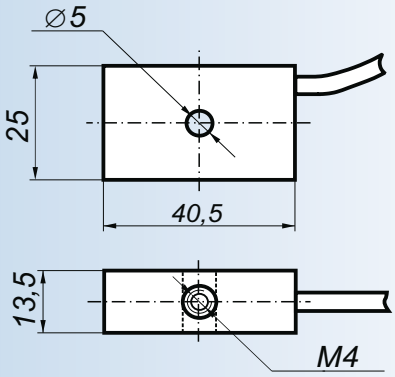
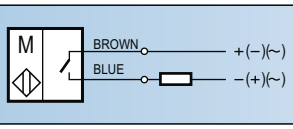
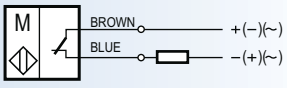
Cabinet opening sensor - ДОГ 121(122)-6-...

Cabinet opening sensor ДОГ 121(22)-6... - provides control of an attitude of doors of metal cabinets which are used for electricity distribution and automation,and produces the signal into remote or automatic control circuit in case of its unauthorized openings (by completing or breaking an electric circuit).
The sensor can be used for positioning of an access control systems items (of safe-boxes, gates, doors, windows, hatches, barriers etc.).
A distinctive feature of this hermetically sealed sensor is **single-unit execution**.
It requires no magnetic response to operate, as distinct from the well-known counterparts, that makes an installation and a setting much easier and extends the application of the sensor in many cases. The product is based on the principle of operation which is secured by the patent **№126191** of 20.03.2013 - "Sensor of attitude determining of an item made of magnetic material", the patentee - "Pilot Production "Technologies of Control" Co. Ltd.





Specifications:

	Denomination - sensors of ДОГ ...-series	
	... 121-6	... 122-6
Contact type	NO (closing)	NC (opening)
Actuation distance, mm	6	
Switching voltage,Vmax, V	220 AC/DC	
Switching current, Imax мА	2000	
Power handling,Pmax, W	50	
Resistance, Ohm, not more than	0,1	
Operating temperature range,°C	typical execution -25°...+75°C	
• low-temperature- **HT**	-45°...+65°C	
• high-temperature- **BT**	-15°...+105°C	
Protection degree	Ip67	
Cable connection, L=1m	2x0,34 mm2	
When ordering other lengths, indicate the number of meters in the end of the denomination (see example of notation)		
Dimensions, mm	fireproof ABS-plastic UL-94HB	
Sensor weight, kg	40,5x25x13,5	
	0,065	
Wiring diagrams		

Example of sensor notation in the orders and documentation:

ДОГ 121 - 6 - НТ - 3

Constructive design:
1 - single-unit 2 - right-angled
Sensor contacts type:
1 - normally open (NO), 2 - normally closed* (NC),*
Actuation distance, mm:
Operating temperature range:
НТ - -45°...+65°C; 2НТ - -60°...+50°C;
ВТ - -15°...+105°C; no marking -25°...+75°C
Cable length
3 - cable length in meters, if no marking - 2 m

* The condition, when controlled object is situated in the sensor actuation area, is accepted as normal