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POSITION SENSOR MAGNETICALLY CONTACT DPM-2 (execution type-200)

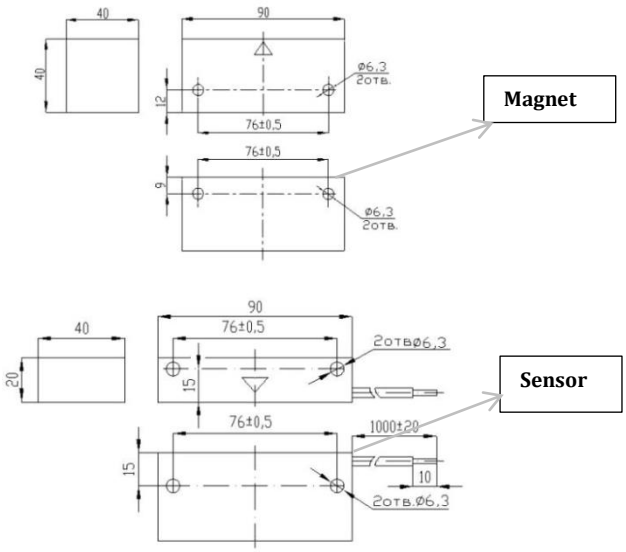
Description

Position sensor DPM-2, is designed to lock gates, railway containers, sheds, doors, cars, elevators and other structural elements of buildings and structures made of magnetically conductive materials (steel, cast iron, galvanized iron, etc.) and not magnetically conductive materials at the opening or displacement with alarm by disconnection (switch) of the reed switch, as well as in control systems of various devices.

Enclosure of the position sensor DPM-2(execution type-200) is made of stainless steel.

Dimensions

Dimensions in mm



Electrical characteristics

Switching current	≤0.5A
Switching voltage	≥72V
Switching power max	10W,VA
Dimensions	Sensor – 90*40*20mm Magnet – 90*40*40mm
Weight	Sensor - 0,3kg Magnet – 0,65kg
Operating temperature	-50…+50^{0}C
Humidity	98%
Contact resistance max	0,5 Ω

Technical data

Execution type	Reed switch type	Outlet type & length
-200	normally open contact	Ø5,8mm, (double insulation) 1000mm
-202	changeover contact	Ø6,3mm, (double insulation) 1000mm
-204	normally open contact	Ø8,0mm, (metal hose) 1000mm
-205	changeover contact	Ø8,0mm, (metal hose) 1000mm

Execution type	Distance between the sensor and magnet in the closed (switched) condition	Distance between the sensor and the magnet in the open (not switched) state
magnetically conductive surface -200- 204	≤55mm	≥85mm
magnetically conductive surface -202- 205	≤35mm	≥85mm
not magnetically conductive surface-200- 204	≤75mm	≥115mm
not magnetically conductive surface-202-205	≤40mm	≥115mm