

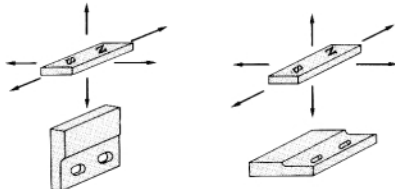
Reed Switch Type Proximity Sensors

11

CONTROLS & SENSORS

Magnet Actuation

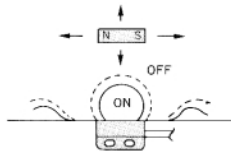
Inexpensive proximity sensor with internal reed switch, that is turned on and off by change of magnetic field strength (vertical, horizontal or longitudinal movement of magnet).



▼ Contact Form

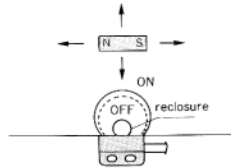
N.O. Contact (Normally Open)

Contact which is normally open. It will be closed when magnetic field is applied.



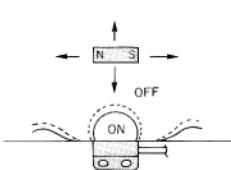
N.C. Contact (Normally Closed)

Contact which is normally closed. It will be opened when magnetic field is applied.



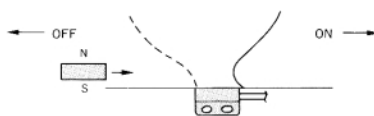
Transfer Contact (Form "C")


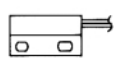
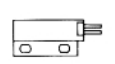
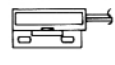





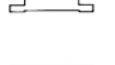



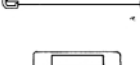


Common contact (wiper) will transfer from N.C. to N.O. contact when magnetic field is applied.



Latching Contact

After being opened or closed by application of magnetic field, the contact will be held in this position (latched) even after removal of the magnetic field. Application of a magnetic field with reversed polarity will unlatch the contact.



	Contact Form	Part Number
 Miniature	N O	PS-500
	N C	PS-510
	Transfer	PS-520
	Latching	DS-M2
 General purpose	N O	PS-3150
	N O	PS-3529
	N C	PS-3251
 Connector terminated	N O	PS-3670
	N C	PS-3980
 Low cost	N O	PS-3170
 Long life	N O	PS-3870
 Ultra miniature	N O	PS-0048
 Waterproof	N O	PS-4122
	N C	PS-4221
 PCB mount	N O	PS-5171
 High power	N O	PS-6132
	N C	PS-6231
	Transfer	PS-6341
	N O (Mercury)	PS-6503
 Waterproof	N O	PS-0016
 PCB mount	N C+N O	PS-0018
 For lamp loads	N C+N O	PS-0024
 Threaded package	N O	PS-0021
 Surface mount package	N O	MJS-2234
 Detection of door position	N O	PS-1522
 Multiple reed switches	N O	PSP-05