

Magnetic Contact

Part No. LC-89

Description

Magnetic contact is a proximity switch what is used magnetic field of magnet to actuate Reed Switch. Because of design in Reed Switch, low cost and simple using-way is major characteristics of magnetic contact.

Application

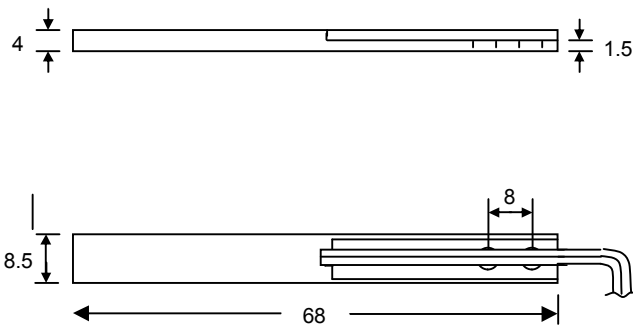
- Security equipment
- domestic appliances
- automation machines

Feature

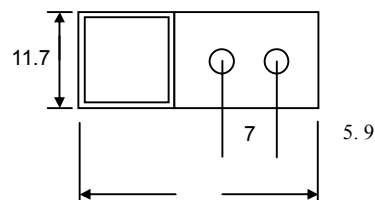
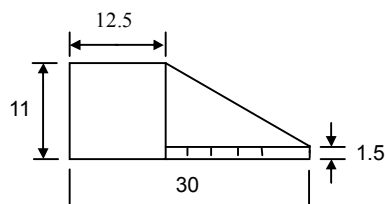
- Regular gap up to 30 mm
- Surface mount / wire leads.

Outline dimensions

Sensor :



Magnet :



Unit:mm

Magnetic Contact

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Switch

Contact arrangement	Closed loop
Switching voltage (Max.)	100v AC/DC
Switching current (Max.)	100 mA
Contact capacity (Max.)	5 watt
Initial contact (Max.)	0.2 Ohm
Carry current (Max.)	100 mA
Breakdown voltage	150 VDC
Insulation resistance (Min.)	100 Mohm
Switch cycle	5×10^7 cycle at 30V 0.05ADC

Magnet

Material	NdFeB Rare Earth
Residual flux density (Br)	11.8~12.5 KGauss
Maximun energy product (BH) (Max.)	33~36 MG.Oe
Curie temperature (Tc)	310°C

Gap

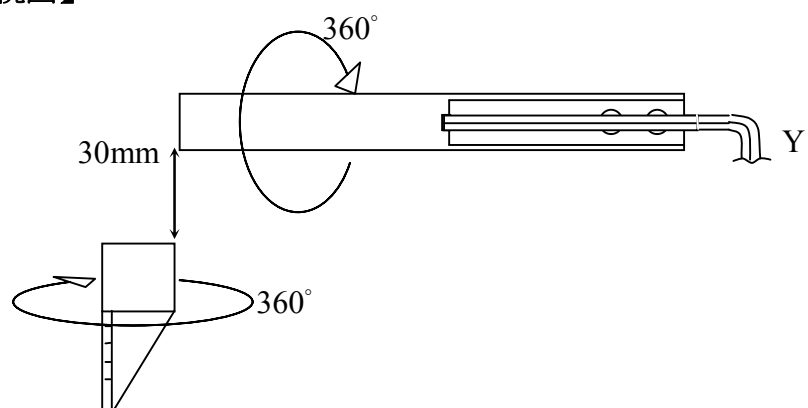
Sense gap (Min.)	30mm
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Physical characteristic

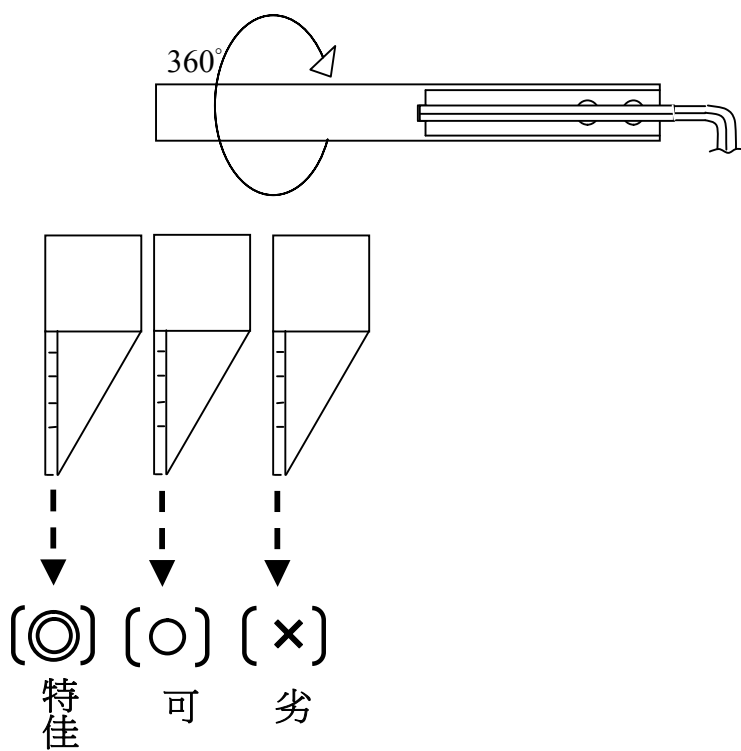
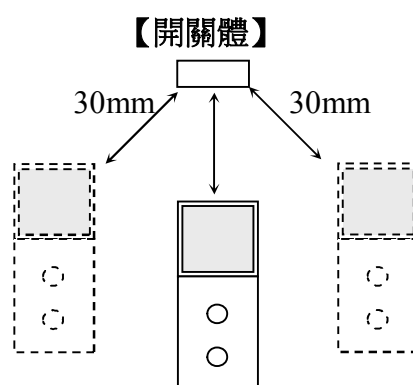
Temperature	-20°C~+60°C
Vibration	20 G(10~55 HZ)
Shock	30 G (11 msec)
Heat shock	-25°C~+65°C (30Min.) (30Min.) 100 cycle
Package drop	Drop height 80 cm
Humidity	80°C 95% RH 72 hrs

5. 設置示意圖

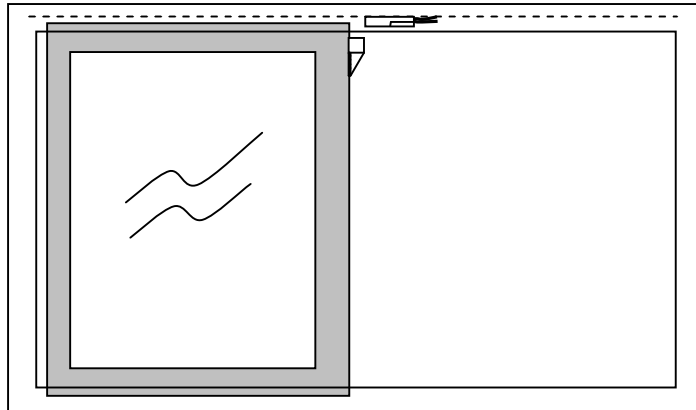
【正視圖】



【側視圖】



6.如何安裝



- 說明：
1. 開關體設置在窗框之滑動溝槽，線緊貼順著溝槽到靠近牆壁出線，線用線扣扣住平順沿著溝槽架設。
 2. 磁鐵體設置在窗戶側邊，位於開關體之前端。當窗戶開啟時，磁鐵體從開關體之前端往尾端移動，移動至開關體之中央相對位置時即發報了。