

# Magnetic Contact

## Part No. LC-82

### 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

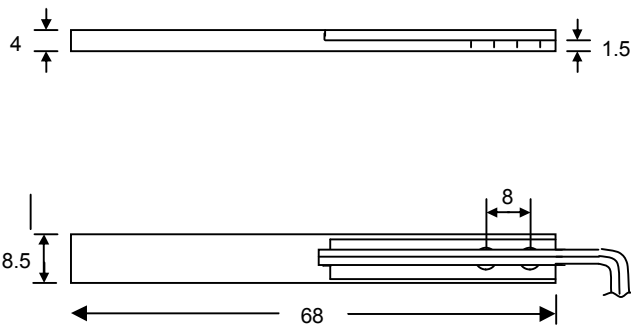
- Security equipment
- domestic appliances
- automation machines

### Feature

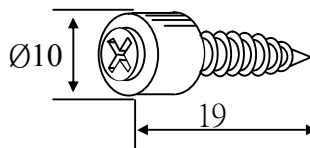
- Regular gap up to 20 mm
- Surface mount / wire leads.

### Outline dimensions

Sensor :



Magnet :



**Unit:mm**

## Magnetic Contact

### Part No. LC-88

#### Switch

Contact arrangement	Closed loop
Switching voltage (Max.)	100v AC/DC
Switching current (Max.)	0.5 A
Contact capacity (Max.)	10 VA
Initial contact (Max.)	0.2 Ohm
Carry current (Max.)	0.1 A
Breakdown voltage	150 VDC
Insulation resistance (Min.)	100 Mohm
Switch cycle	$5 \times 10^7$ cycle at 30V 0.05ADC

#### Magnet

Material	Anisotropic ferrite
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.)	25mm
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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