

# Magnetic Contact

## Part No. LC-31

### 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.

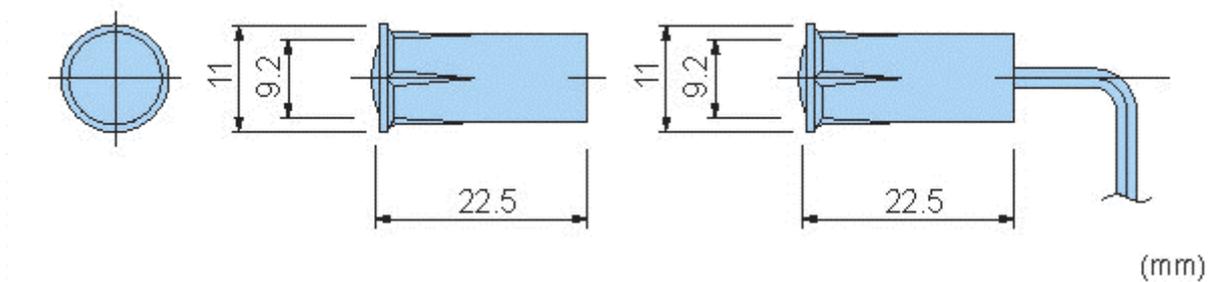
### Application

Security equipment  
domestic appliances  
automation machines

### Feature

3/8" Diameter – press fit  
Recessed "shortie" switch set, ideal to thin framed doors and windows  
Longer leads, zip cord or Jacketed cable upon request

### Outline dimensions



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### 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.)	1 A
Breakdown voltage	200 VDC
Insulation resistance (Min.)	100 Mohm
Switch cycle	5×10 <sup>7</sup> cycle at 30V 0.1ADC

### 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

### Gap

Sense gap (Min.)	13mm
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### Physical characteristic

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