



## MAGNETS

PM1 Series - Compatible Magnet for PS1&2 Series

### PM102

#### Design Features

- ◆ High quality Magnet selected
- ◆ Slots to enable parallel operation alignment

#### Product Comments

- ◆ Robust Nylon Housing
- ◆ Magnet selected to operate with PS1 & PS2 Series
- ◆ Surface Mounted by fixing screws
- ◆ Fully encapsulated

#### Typical Applications

- ◆ Door Interlocks
- ◆ Hook Switches
- ◆ Security Systems
- ◆ Safety Interlocks
- ◆ Position Indication

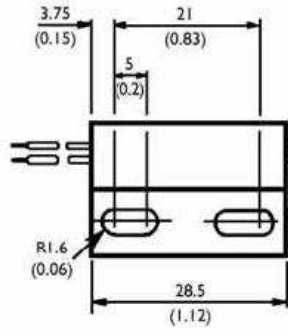
#### Material, Design and Operation

Mounting	Surface
Product Material	Nylon 6.6
Product Housing Material	Plastic
Operating Temperature °C	70
Operate Distance	10mm
Magnetic Approach	Direct Axis , Parallel Axis

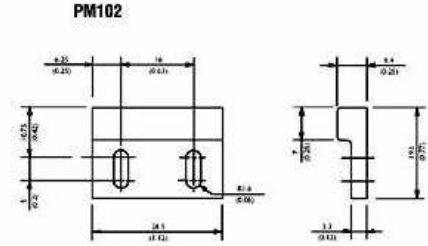
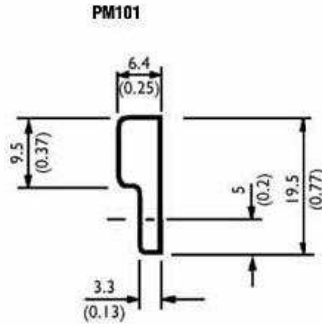
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## Line Drawing

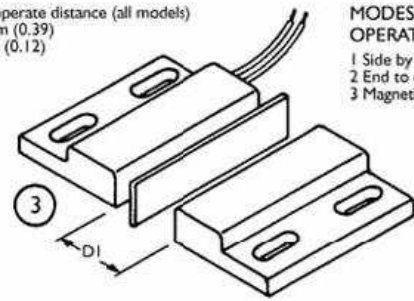
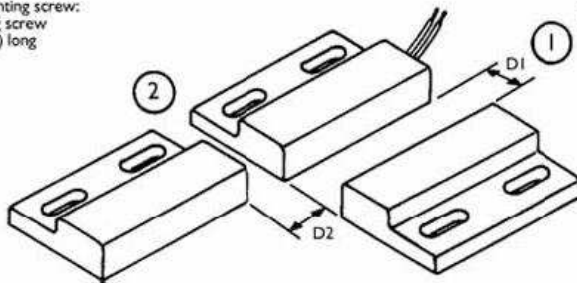


Recommended mounting screw:  
Pan head self tapping screw  
No.4 x 9.5mm (0.37) long



Maximum operate distance (all models)  
D1 = 10mm (0.39)  
D2 = 3mm (0.12)

**MODES OF OPERATION**  
1 Side by side  
2 End to end  
3 Magnetic shunt



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