

REED SENSOR & MAGNET

P1

CONFIGURATIONS FOR JOINERY

1

LD1400

CONCEALED

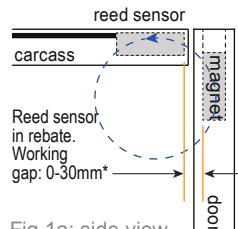


Fig 1a: side view

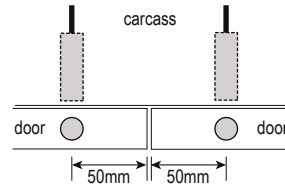


Fig 1b: top view

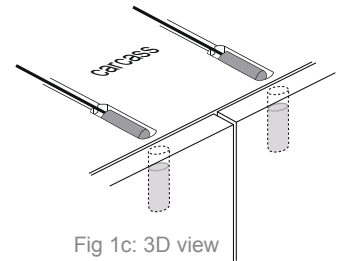


Fig 1c: 3D view

Installation Note: The top of the magnet is to be level with the bottom of the sensor as in Fig 1a. Hole size for magnet 10mm.

2

LD1400

CONCEALED

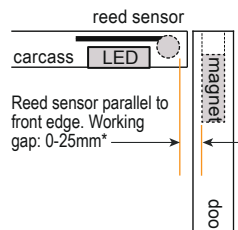


Fig 2a: side view

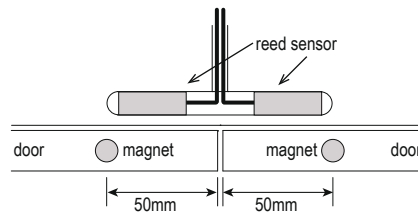


Fig 2b: top view

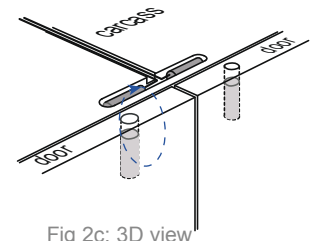


Fig 2c: 3D view

Installation Note: Rebate for sensors 100x10x10mm set 5mm in from front edge. Hole size for magnet 10mm.

3

LD1401

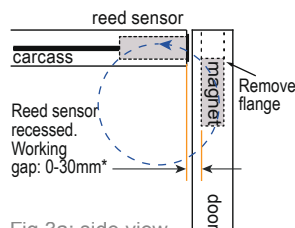


Fig 3a: side view

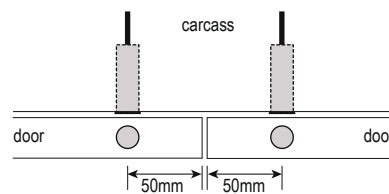


Fig 3b: top view

Installation Note: Remove the flange on the LD1401 magnet to allow the top of the magnet to be level with the bottom of the sensor as in Fig 3a. Hole size for reed sensor and magnet 10mm.

4

LD1401

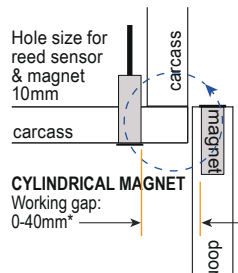


Fig 4: side view

5

LD1401

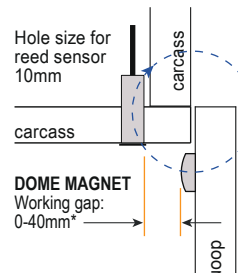


Fig 5: side view

6

LD1401

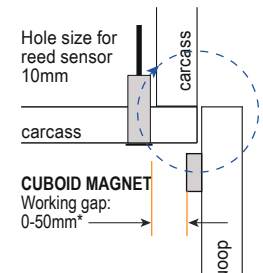


Fig 6: side view

Installation Note: Position reed sensor 25mm max centre from the front edge. A Forstner drill bit is recommended. Choose between cylindrical, dome or cuboid magnet. Set magnets 50mm in from the doors' opening side.



Denotes magnetic flux path required for correct sensor operation. *Working gap +/- 10%.

7

LD1401

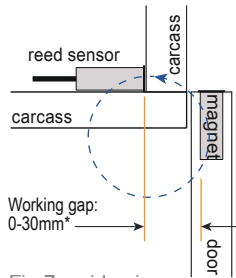


Fig 7a: side view

Installation Note: Hole size for magnet 10mm. Set magnets 50mm in from the doors' opening side.

8

LD1400

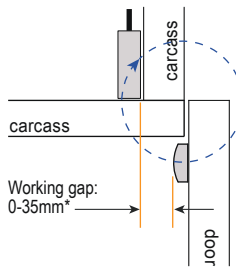


Fig 8a: side view

Installation Note: Set magnets 50mm in from the doors' opening side.

9

LD1402

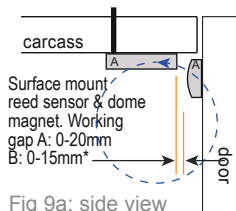


Fig 9a: side view

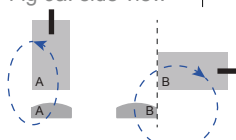


Fig 9b: top view

Installation Note: For option B offset the magnet as indicated in Fig 9b. Set magnets 50mm in from the doors' opening side.

10

LD1400

CONCEALED

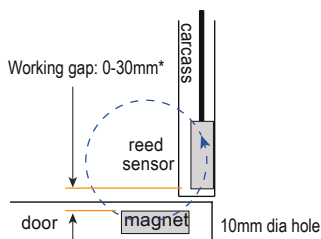
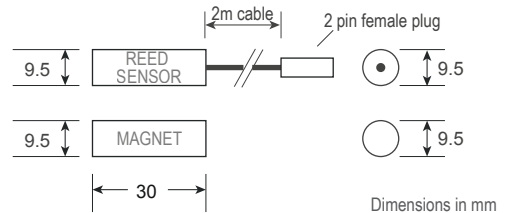


Fig 10: top view

Installation Note: Side installation. Reed sensor placed into side of carcass. Magnet inserted into edge of door. Offset sensors & magnets by 100mm if adjacent.

LD1400

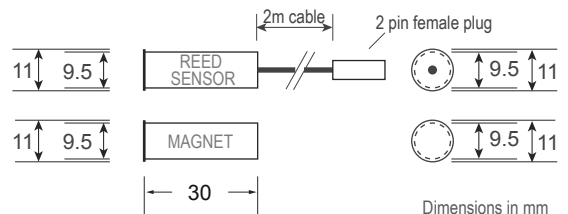
CONCEALED REED SENSOR & MAGNET



Dimensions in mm

LD1401

RECESSED REED SENSOR & MAGNET



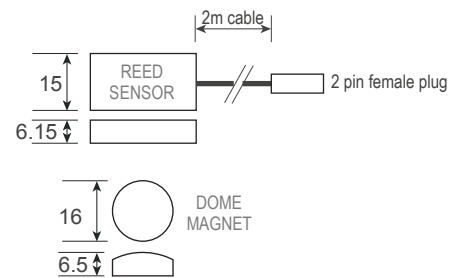
Dimensions in mm

LD1402

SURFACE MOUNT REED SENSOR & MAGNETS



Available in white, black, light brown, dark brown with 3M tape.



Dimensions in mm

11

LD1401

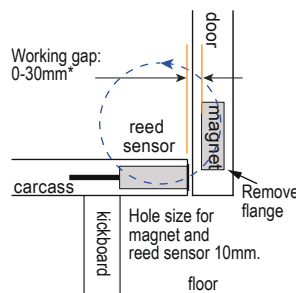


Fig 11: side view

Installation Note: Set magnets 50mm in from the doors' opening side.

P/N	LD1400 / LD1401 / LD1402
REED SENSORS	
Contacts	NO (closed with magnet)
Operations	>10,000,000
Cable	2 metre
Plug	2 pole, female
Warranty	5 years

MAGNETS	
Type	NdFeB
Lifespan	10,000 yrs



Denotes magnetic flux path required for correct sensor operation. *Working gap +/- 10%.