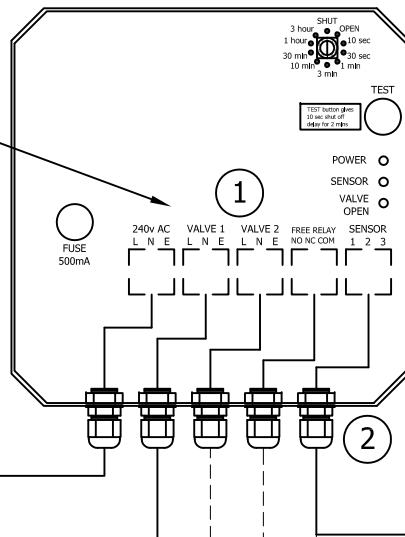


1 - To use screwless terminals - strip back 10mm, depress orange lever with screwdriver, insert conductor(s), release lever. Max cable capacity = 1.5mm<sup>2</sup>.

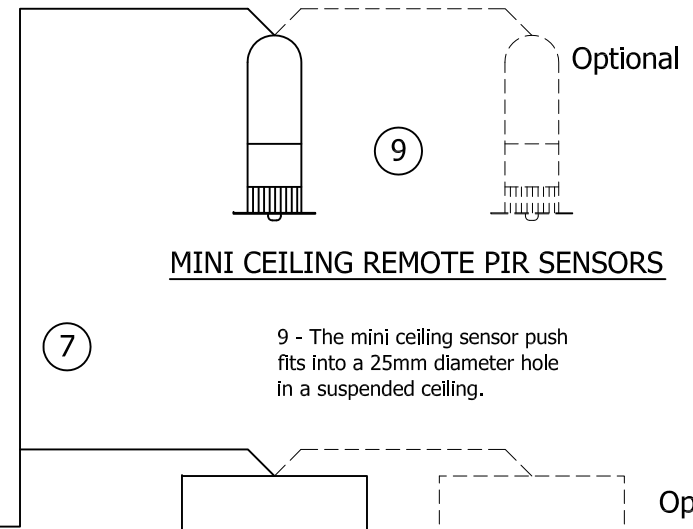


7 - Connect one or more single gang or mini ceiling style remote PIR sensors to SENSOR terminal block using 4 core signal cable from Cable Pack or use RS stock no. 365-571. \*Note only 3 cores are used, the blue core being discarded.

2 - Cable glands accept cable diameters from 2 - 6.5mm

**MAINS SUPPLY**

3 - Mains Input from 5A Spur using 3 core 0.75mm<sup>2</sup> cable from Cable Pack or use RS stock no. 378-139

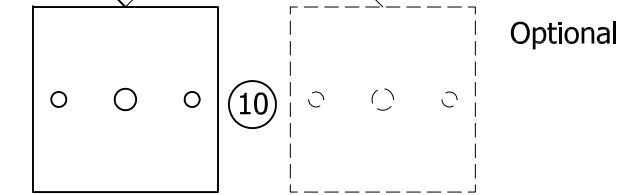


**MINI CEILING REMOTE PIR SENSORS**

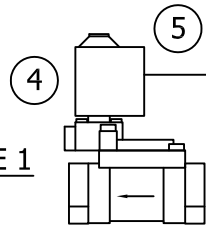
9 - The mini ceiling sensor push fits into a 25mm diameter hole in a suspended ceiling.

**SINGLE GANG REMOTE PIR SENSORS**

10 - The single gang sensor may be surface mounted onto a wall or ceiling using the pattress supplied or flush mounted using a 1 gang recessed back box



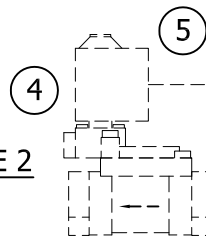
**SOLENOID VALVE 1**



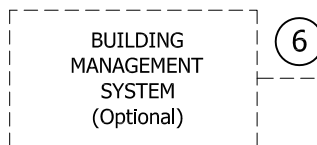
4 - One or more of our SVM range of solenoid valves may be connected to either VALVE 1 or VALVE 2 terminal blocks. Maximum total solenoid valve load is 100VA

5 - Fit DIN connectors supplied to valve end of cables - READ INSTRUCTIONS supplied regarding fitting of solenoid valves.

**SOLENOID VALVE 2 (Optional)**

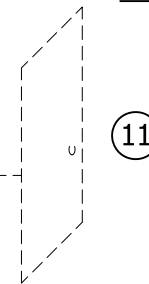


6 - A volt free changeover relay contact is provided for interface to a Building Management System (BMS). The relay is energised (changes over) when the solenoid valve(s) are open (energised)

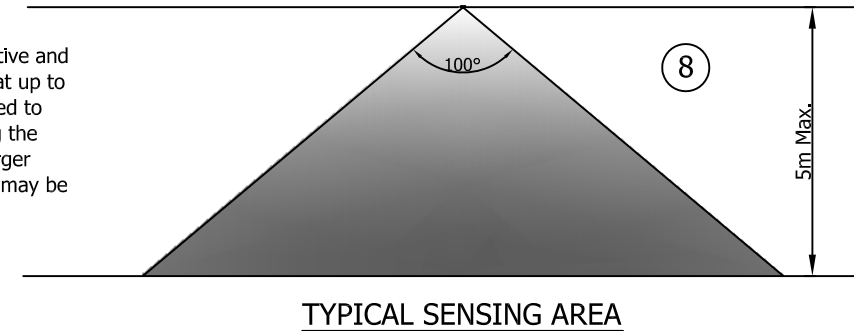


**DOOR SWITCH (Optional)**

11 - Alternatively a normally open or normally closed magnetic door switch may be connected to terminals 1 & 2



8 - These sensors are super sensitive and feature a detection cone of 100° at up to 5m range. These should be situated to detect persons entering or leaving the area to be controlled. To cover larger areas additional sensors (max. 4) may be connected in parallel.



**TYPICAL SENSING AREA**

**SOV-100 WIRING DIAGRAM**