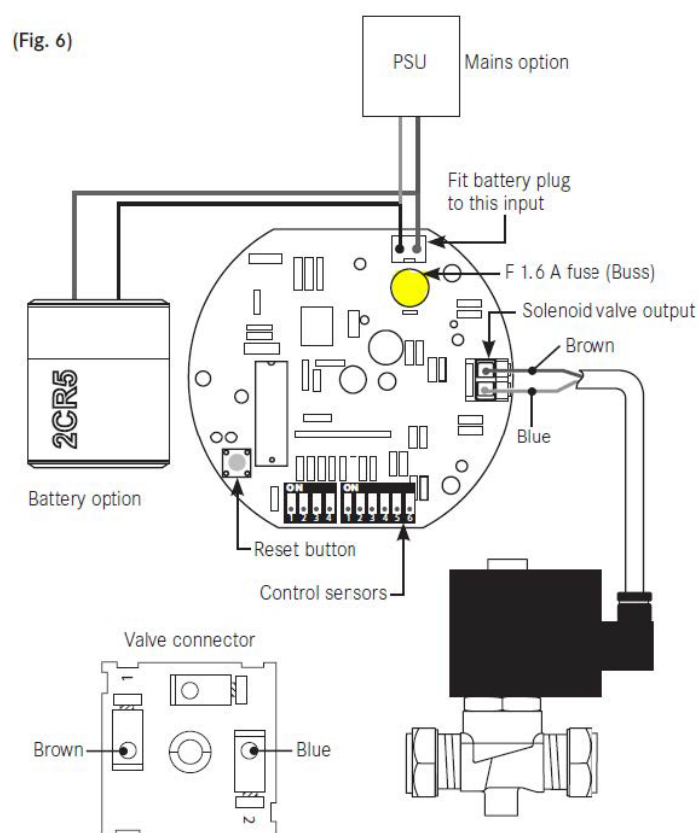


## Fault finding - PIR urinal controls

### Solenoid valve not activating

- Check battery lead is connected fully into the PCB
- Check battery voltage is 6v or above with a Multimeter. Replace if under 6v
- Check the fuse on the PCB as highlighted below. Replace if required. Part UC00-024

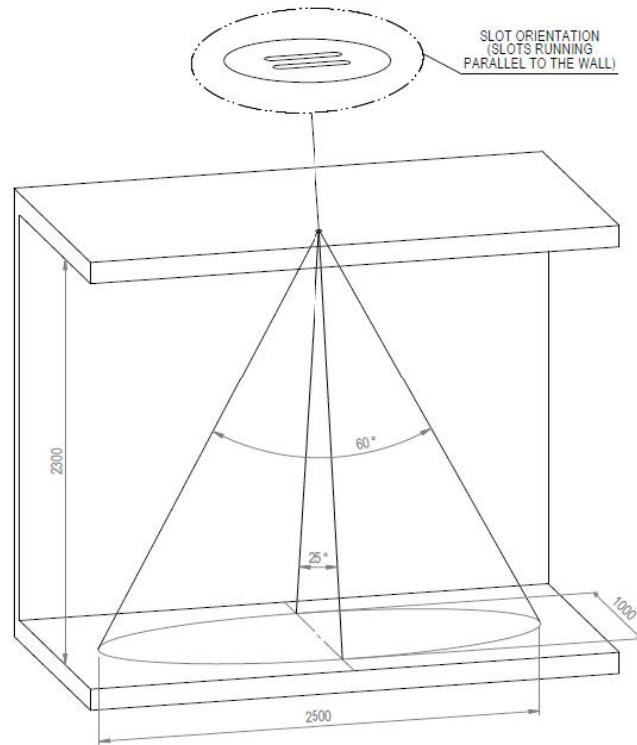


### Applications:

- If mains powered, check lead is connected fully to the PCB.
- Check fuse in the electrical spur. (Recommended 3amp)
- With a Multimeter check the output voltage of the Transformer is 6v DC
- Check cable connections from the PCB to the Solenoid Valve, making sure that the blue and brown wires are connected as per the installation instructions.
- With the water supply turned on, check the solenoid valve operation by touching a 9v battery (Type PP3) on the +/- terminals of the solenoid. If the solenoid valve does not open - possible failed solenoid valve.
- Make sure the dip switched are set up as per the installation instructions.

## PIR not sensing user:

- The PIR should be mounted on the ceiling directly above the central urinal bowl. See sensing scope below.



## Poor flow through solenoid valve

- Check solenoid valve is fitted on the pipework in the correct orientation as indicated on the bottom of the solenoid valve.
- Check if debris has clogged the filter prior to the on the solenoid valve.
- Low water pressure - Low pressure valve required with larger orifice - AC17-003 or AC17-004

## Cistern filling too fast i.e. under a minute

- High pressure solenoid valve required with a smaller orifice - AC17-001