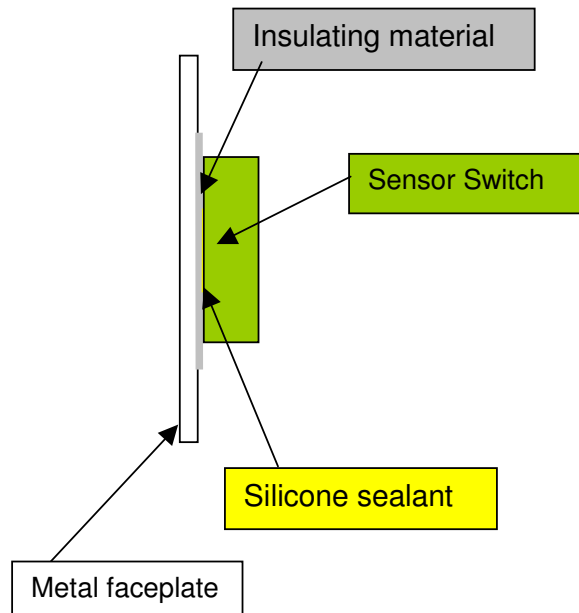


# Mounting a Sensor Switch on to a metal faceplate



Metal switch plates can be used but certain precautions are necessary:-

- 1 If your pattress (back box) is metal, it will be earthed. If the metal switch plate is fixed to the pattress using metal screws it will also be earthed – this earth will effectively drown the sensing field. There are 2 easy ways of solving this problem:
  - (a) use plastic screws.
  - (b) Use a Sensor Switch with a standard white plastic faceplate fitted and screw this to the pattress with the normal metal screws, place a small square of insulating tape over the screw heads once done up. Adhere your metal plate to the front of the plastic faceplate. This method has the advantage of not showing the mounting screws.
- 2 If your pattress is plastic; none of the above precautions should be necessary.
- 3 **Always** stick some insulating tape in the place where the Sensor Switch will be mounted.

If fitting a Sensor Switch with a metal switch plate to a wall surface which is, or could get damp, there is a chance that this dampness could affect the earth characteristics of the wall and in turn reduce the effectiveness of the sensing field or even lead to “cycling” or switching on and off of the Sensor Switch. Should you come across this happening, place a gasket of rubber or plastic between the switch plate and the wall, which will break the earth contact.