Bed/Chair Occupancy Sensor

What is a Bed/Chair Occupancy Sensor?

The bed/chair occupancy sensor is designed to automatically raise an alarm should any of the following situations arise:

- If a person has not gone to bed by a predetermined time.

- If a person has not got out of bed by a predetermined time.

- If a person gets out of bed during the night and does not return within the predetermined time period.

The solution can be tailored to suit the specific daily activities of the individual. There is an optional facility available to automatically turn on a light to minimise the risk of falling should the person get out of bed.

How does it work?

The bed occupancy sensor consists of a bed pressure pad, which is placed underneath the bed mattress. The bed sensor raises an alarm should the person get out of bed and not return by a certain time. The sensor can also raise an alert if the person doesn't go to bed by a certain time or doesn't get up by a certain time in the morning, in order to help identify potential issues at an early stage.

Who is it for?

It is ideal for the following people:

- Individuals who have recently been discharged from hospital and require additional assistance and support at home.

- Older, frail or disabled people.

- Those with limited mobility such as arthritis.

- People of any age receiving medication.

- People at risk of falling.

Why is it needed?

Specifically designed to monitor a person's safety at anytime of day or night, this solution reduces the risks by raising an alert in order to allow trained operators to take the most appropriate action.

Considerations

The bed sensor is placed between the mattress and the bed base and works on a'crush mechanism'; if the bed base is sprung or slatted, a board would need to be placed under the sensor to allow it to recognise the pressure. The sensor may not work under a memory foam mattress, or for someone who is extremely light weight.

Similarly, the chair sensor needs to be positioned under the seat cushion, on a firm base.

www.bolton.gov.uk/telecare

Bolton Council