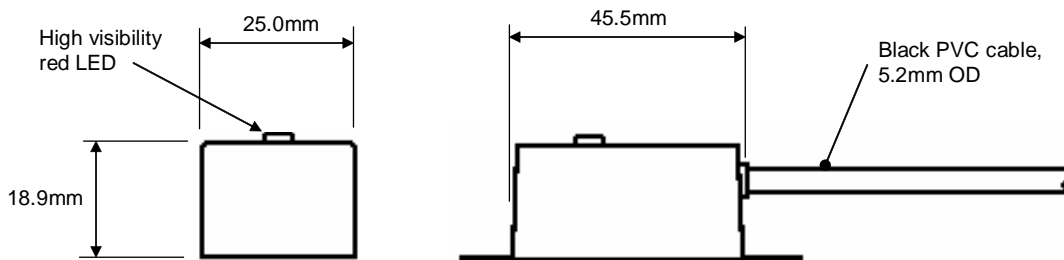


## TRIPLE AXIS REED SWITCH, "PIG SENSOR"

The triple axis reed switch 'pig sensor' is designed for industrial pigging systems. The sensor is fitted to pipes to detect passing magnetic 'pigs'.



Made in the UK



- The 3 highly sensitive reed switches within the sensor are perpendicular to each other to ensure detection of a magnet in any orientation.
- The 2 wire circuit features electrical pulse extension which enables the control system to 'see' a very short pulse from a fast moving magnet.
- A highly visible red LED on top of the housing gives a visual backup and is useful for setting up and testing.
- The sensor is fixed with a stainless steel worm drive band which is supplied separately. Any size is available.

## Sensor specifications

Part number: TW/MTPE/LED

Operating voltage: 24Vdc

Maximum current: 30mA

Pulse extension: 500ms approx. (see note)

Minimum magnetic pulse time required for operation: 1ms (see note)

Temperature rating: -10°C to 80°C

Cable: 2m length, 2 cores (blue and brown), black PVC outer sheath, 5.2mm OD

Connections: Connect in series with a load, brown to +ve, blue to -ve

Note: The 500ms (approx.) pulse is an extension of the duration that the sensor is detecting a magnet. 1ms is the shortest magnetic pulse detectable by the sensor. The electrical output from the sensor is equal to the magnetic pulse length plus the pulse extension.

## Fixing band specifications

Part number: Simply quote size required ie. 3" band for a 3" diameter pipe

Material: Stainless steel

Width: 8mm

