

# Encapsulated Reed Switch – ATEX

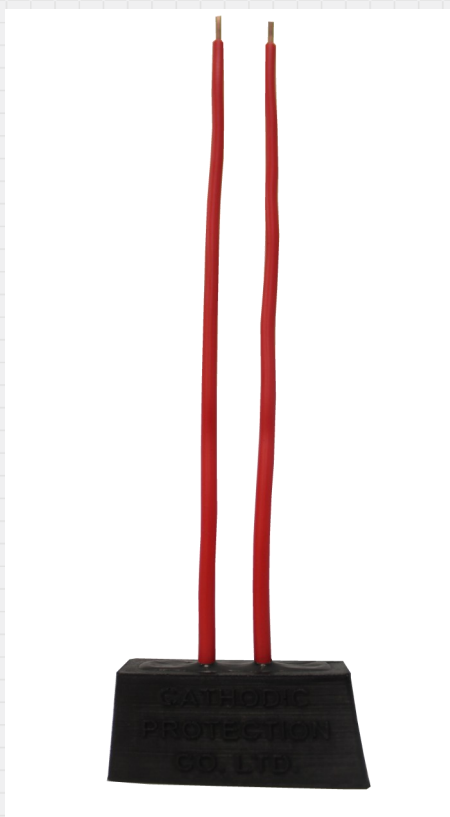
## APPLICATION

The Refine encapsulated reed switch is a compact and convenient device used to take IR free readings on pipelines/structures protected with sacrificial anodes. With the anode to pipeline / structure connection made through a test post the reed switch allows you to disconnect the anode with the touch of a magnet, take a reading and reconnect in seconds.

The switch is carefully encapsulated to ensure long life in the field, and compact enough to be housed easily in many standard types of test station assembly such as concrete and plastic M28 posts, Big Finks and Conchiglia Terminal Boards, all available from CPCL.

The product is completed with cable tails and lug connection ensuring that installation is completed quickly.

We offer two options for the reed switch, in addition to our standard non-hazardous reed switches, CPCL can offer a reed switch suitable for use in a zone 1 or 2 ATEX environment, capable of switching up to 10V at 50mA and operates within a temperature range of -20°C to +75°C.



## TECHNICAL SPECIFICATION

Maximum Switched Voltage	175 V
Maximum Switch Current	0.4 A
Maximum Switched Power	5 VA
Breakdown Voltage	200 V
Pull In Range	15/40 AT
Contact Resistance	0.12 Ohms
Body Length	70 mm
Body Diameter	13 mm
Cable Length (Either Side)	250 mm
Cable Lug Hole Diameter	12 mm