

Steam Trap Monitor R2C

Description :

The Spiratec R2C is an automatic steam trap monitor for two steam traps. Remotely mounted, it continuously scans electronically up to 2 Spiratec Sensor Chambers and indicates when steam wastage or waterlogging occurs at any of the traps being monitored.

A Sensor is screwed into each Sensor Chamber and is connected by wiring to the R2C which is sited at a convenient point.

If one or both of the steam traps is failing, then the corresponding "fail" lights (of which there are four) are illuminated and the corresponding green light is extinguished.

The R2C, which is continuously operating, will indicate at a glance that both the traps are operating correctly, or that there is a failure of any particular identified trap or traps.

Available Types :

R2C steam trap monitor is available as standard for use with mains supplies at 230Vac or 110Vac. The monitor is supplied for wall or panel mounting.

Technical data :

Supply voltage (standard)	230 Vac, 110 Vac
Supply frequency	50 - 60 Hz
Power consumption	Maximum 2 VA
Operating temperature limits	0 to + 50° C.(storage 0°/+70°C.)
Enclosure colour and materials	Light grey. ABS plastic with recessed rubber sealing gaskets.
Enclosure rating	IP65 with correct cable glands (wall mounting only)
Electrical connections	Screw terminals
Output Signal	0 Vdc -Trap working correctly 12 Vdc -Trap waterlogged 24 Vdc -Trap leaking steam

Accessories :

Steam Leak Connectors

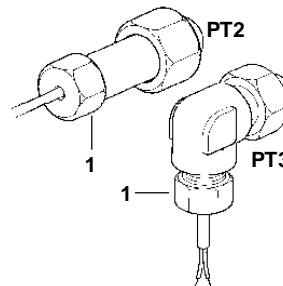
PT2 plug tail with screw on connection and straight pattern brass housing.

PT3 plug tail with screw on connection and angle pattern brass housing.

If cable protection is required, a conduit adaptor can be connected to the M16 conduit thread on the housing after removing the nut (1).

The plug tail is supplied with 1.25m of cable. Any additional cable must be provided by the installer in accordance with the Installation Instructions.

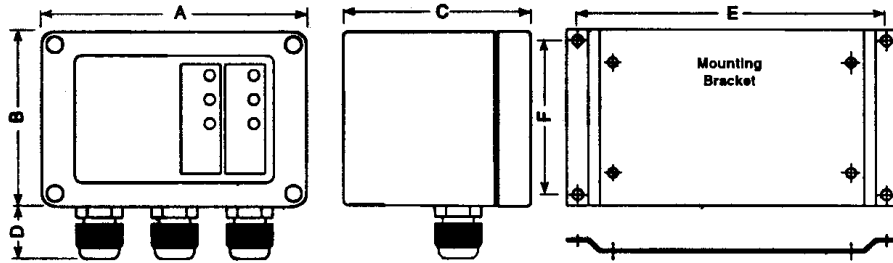
Note: The type of cable is not critical, but a light weight cable with 20 gauge conductors or 7/0.2 (0.22mm²) multi-strand cable will suffice.



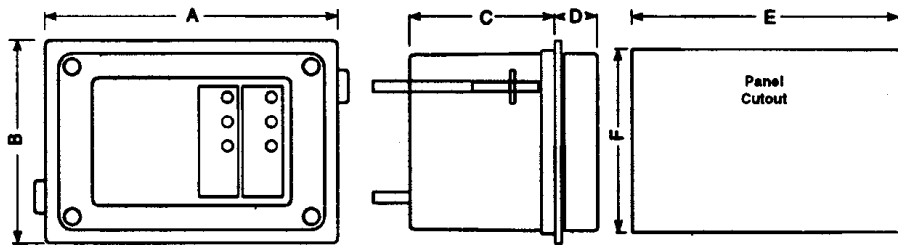
Combined Steam Leak and Waterlog Sensors :

The Combined Steam Leak and Waterlog Sensor has an integral cable connected to it. This cable is connected via the customers wiring back to the R2C Monitor.

Wall Mounting



Panel Mounting



Dimensions : (approximate) in mm

Wall mounting :

A	B	C	D	E	F	Weight
120	80	85	25	140	70	550 g

Panel mounting :

A	B	C	D	E	F	Weight
133	93	65	20	125	85	550 g

Installation :

Full details are supplied with the product.