

interSeptor

Ethernet Environmental Monitoring Unit

Temperature/Humidity and GoProbe! Sensor Information



V 1.0

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TEMPERATURE / HUMIDITY SENSOR

Temperature / Humidity Sensor (ISTH)

The interSeptor can have a maximum of 2 ISTH modules attached. Each ISTH is supplied with a 2m interface cable. This can be extended on site as necessary. Alternatively, Jacarta can supply appropriate cable lengths as required (max. 30m).

User configurable high/low, warning & critical thresholds.



	<u>Recommended Operating Range</u>	-	<u>Threshold Range</u>	-	<u>Accuracy</u>
Temperature	0°C – 80°C		-15°C - 65°C		+/- 1°C
Humidity	10% - 90%		5% - 95%		+/- 3%

GO-PROBE! SENSORS

All Go-Probe alarm sensors connect to the ISTH modules, up to a maximum of 2 per module. They connect via the volt free dry contact ports (screw terminals) located next to the RJ45 port on the front of the module.

Water Leak Detector

Water detectors are supplied with a 3m or 18m water leak detection cable. The leak detection cable will cause an alarm when water touches any part of the cable. An audible alarm is available on request and is supplied with a 12v power supply.



Smoke Sensor

This is an ionisation smoke detection system, it is supplied with a 12v power supply for connection to a mains power socket.

A single smoke sensors covers a radius area of 7.5m.



Security Sensor

Security sensors can be used to detect unauthorised access or simply if a door/window has been left open.



Vibration Sensor

Vibrations sensors for glass breakage detection or similar applications. Typical detection radius is 3.5m.

Sensitivity setting via a dual stage potentiometer. The LED colour denotes the current status. Green is for an alarm and thus the interSeptor notified while red is to show that vibrations which are insufficient to produce an alarm have been detected.

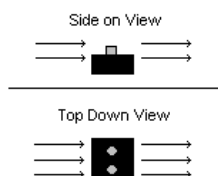


Airflow Sensor

Airflow sensors can be used to provide early warning of air conditioner fan failure. The sensor must be positioned correctly and within the airflow for several minutes to give a correct signal. The volt free circuit is Normal Open and will close when there is low or no airflow detected.

Positioning

The sensor has two glands on top of the unit, these glands both need to be facing the airflow and the airflow needs to pass over the sensor (not be directed at the unit).



Please note: All specifications may be subject to change without notice.

All sensors are supplied with our standard 2 year warranty and free lifetime technical support (via email and telephone).

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