

Detector Model IRDi-24



SPECIFICATION

The IRDi-24 Point of Use Oil Detector shall comprise of TWO components, the detector module and the Point of Use Detector, connected together via a 1m jumper cable. Both the Detector Module and the Point of Use Detector shall be manufactured from STAREX General ABS (SD-0150) plastic.

The Detector Module shall house the electronic circuitry and the Point of Use Detector shall house the Infra-Red transmitter/receiver, which shall extend from the bottom of the detector. Its height above the reflective sensing area shall be set between 3-5mm. A reflective area (50mm dia.) must be painted on the floor with paint capable of reflecting light. (e.g. standard white gloss paint) The top of the Point of Use Detector shall be fitted with a sensitivity pot for calibrating the Infra-Red focal point.

The jumper cable shall be connected to the top of the Point of Use Detector via a 3-pin plug and socket. A stabilising bar shall be supplied as a means of fixing the Point of Use Detector to the floor surface. A red LED will glow to indicate the detection of a substance. Alarm status and monitoring is via a network, using a CAN bus system.

DATA

Normal Operating Voltage	24 volts d.c.
Quiescent Current.....	<10mA. per detector.
Alarm Current	<100mA. per detector.
Detector oscillator frequency	6kHz
Infra-Red probe type	Gallium arsenide
Recommended interconnecting cable.....	4 core 0.5mm ² screened Twisted Pair.
Line-out voltage drop	1.5mV/m
Approvals	BS EN ISO 9001:1994, EMC Directive 89/336/EEC CE Marked.
Module Size	W70mm x L135mm x H45mm
Sensor/Housing	Dia55mm x H65mm.



**3 Kent Road, Dagenham, Essex, RM10 8HA,
United Kingdom**

Tel: +44 (0) 845 686 6066

Fax: +44 (0) 845 686 6067

Email: info@resikom.com

Web: www.resikom.com