

HYDROQUEST

Water in oil detection

Model BB4



Prevents damage to plant and equipment by providing a crucial early warning of water ingress.

- **Lubricating**
- **Hydraulic**
- **Fuel**
- **Other non conducting liquids**

This self contained unit will provide vital early warning of oil contamination. A simple volt free contact is activated when free water is detected.

Sensitivity

This capacitance measurement allows a wide range of sensitivity and may be adjusted on site for optimum performance with your application.

Speed of Response

With this type of sensitive capacity measurement speed of response is guaranteed. The alarm will be raised within milliseconds of water ingress.

Simple to install

The unit may be inserted directly into a tank or sump wall. Alternatively mounting the BB-4 in the FC-4 flow cell with 1/4" inlet and outlet fittings may provide easier installation where space or other factors make it more convenient to install the unit on an oil supply line.

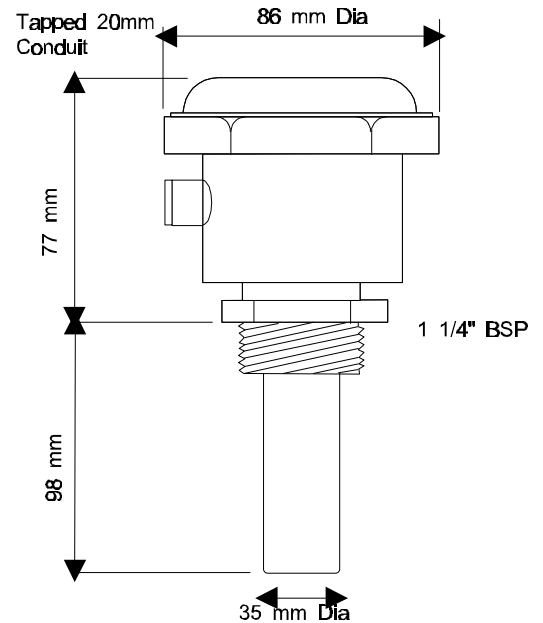


Specification
Electrical

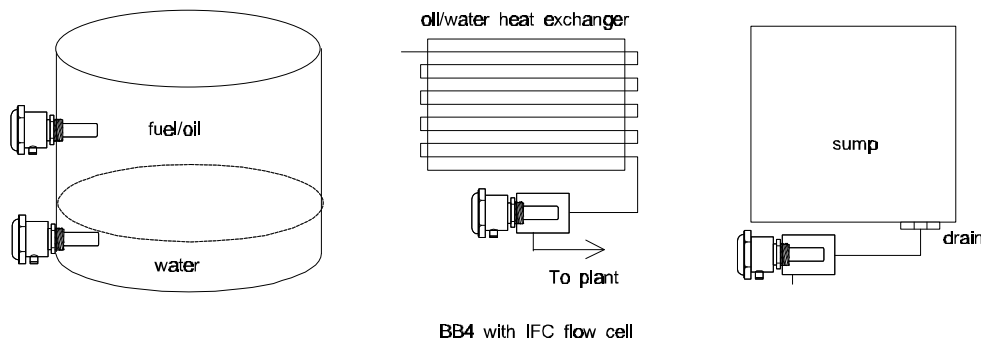
Supply	15 to 30V DC Or 12V AC 50Hz
Relay output	S.P.C.O. volt free contact. rated 5 amp, 240 V A.C. resistive. Adjustable in head with LED indicating relay status.

Mechanical

Process temperature	-20°C to 80°C
Operating Pressure	500 p.s.i. at 20°C
Weatherproof	IP67
Housing Material	ABS
Probe Material	316 Stainless Steel union Polypropylene body.
Weight	550 grams



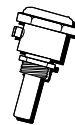
Typical Applications



Ordering Details

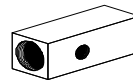
Water in Oil Detector

BB4-	A	Standard configuration
	M	Special configuration



Flow Cell

IFC -	A	Standard configuration ½ " NPTF connections (base entry, side exit)
	M	Special configuration



Process connection

1	No fittings
2	1/2" fittings
4	1/4" fittings
6	6mm fittings

IMA Ltd
Parkwell House
Otley Road
Guisley, West Yorkshire
LS20 8BH, England
Tel: +44 1943 878877
Fax: +44 1943 879988
E-mail: sales@ima.co.uk
Web: www.ima.co.uk

