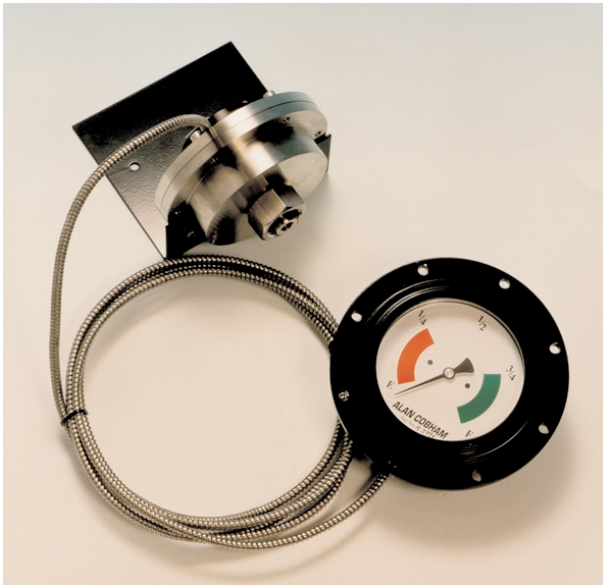




MODEL 92001 TANK CONTENTS GAUGE



- **Self powered**
- **Maintenance free**
- **Easily fitted**
- **Calibrated to user requirements**
- **Compatible with most liquids**
- **Suitable for remote applications**
- **Especially suitable for shallow tanks**

Alan Cobham offer a range of self powered hydrostatic tank contents gauges which are suitable for a number of applications. The Self Powered contents Gauge requires no external power source for operation. The Instrument is fully maintenance free and gives a continuous readout of the contents within a tank without the aid of batteries or hand pumps.

Being self powered these gauges are suitable for use in many remote applications where accurate measurement is required. These include diesel tanks and water tanks both on land and at sea.

The Contents Gauge uses an inert gas filled microbore capillary to transmit a pressure relative to the actual liquid level to the remotely positioned indicator. Indicators are scaled and calibrated in volumetric units according to individual tank dimensions.

The model 92001 has the unique ability to accurately measure in tanks with a draught of 0.5 M or less employing a high precision jewelled movement, the gauge allows the very small pressures involved to be precisely monitored.

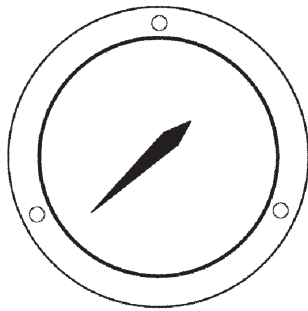
Previously these small pressures could only be measured by electronic means but now a similar level of accuracy is available from Alan Cobham even where there is no power source available.

Contact materials of Stainless Steel and Viton or Nitrile rubbers ensure compatibility with a wide range of lubricating oils, fuel oils, antifreeze, fresh water etc.

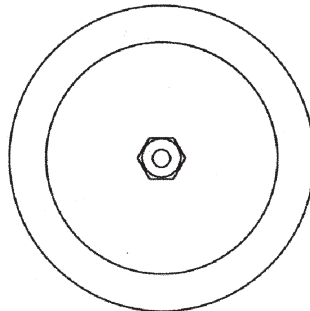
The 3/4" BSP running nut tank entry fitting ensures easy installation.

Typical Applications

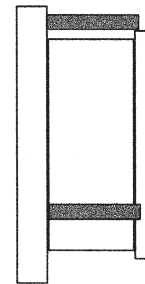
The SP4 will monitor the Glycol Antifreeze level which is used to de-ice the trackside electrical pickup rail, which when insulated by the ice can seriously affect the current flow and mobility of the train.



Fixing holes: 3 off 5mm dia on a 116mm PCD.



Transmitter: 125mm Dia with 3/4" BSP Running Nut.
Capillary: Customer to specify Length (Do not cut).



Alternative fixing arrangement using M5 pillars welded to base plate of indicator.



Cobham Fluid Systems Limited

Holland Way, Blandford Forum, Dorset, England. DT11 7BJ
Tel: 44 (0)1258 486600 Fax: 44 (0)1258 486601
www.cobhamfluidsystems.com
sales@cobhamfluidsystems.com

Copyright: Cobham Fluid Systems.

This publication provides outline information only, which (unless agreed by the Company in writing) may not be used, applied or reproduced for any purpose or form part of any order or contract or be regarded as a representation relating to the products or services concerned. The Company reserves the right to alter without notice the specification, design, price or conditions of supply of any product or service.

A Flight Refuelling company



A Collective Member of

IP THE INSTITUTE OF PETROLEUM