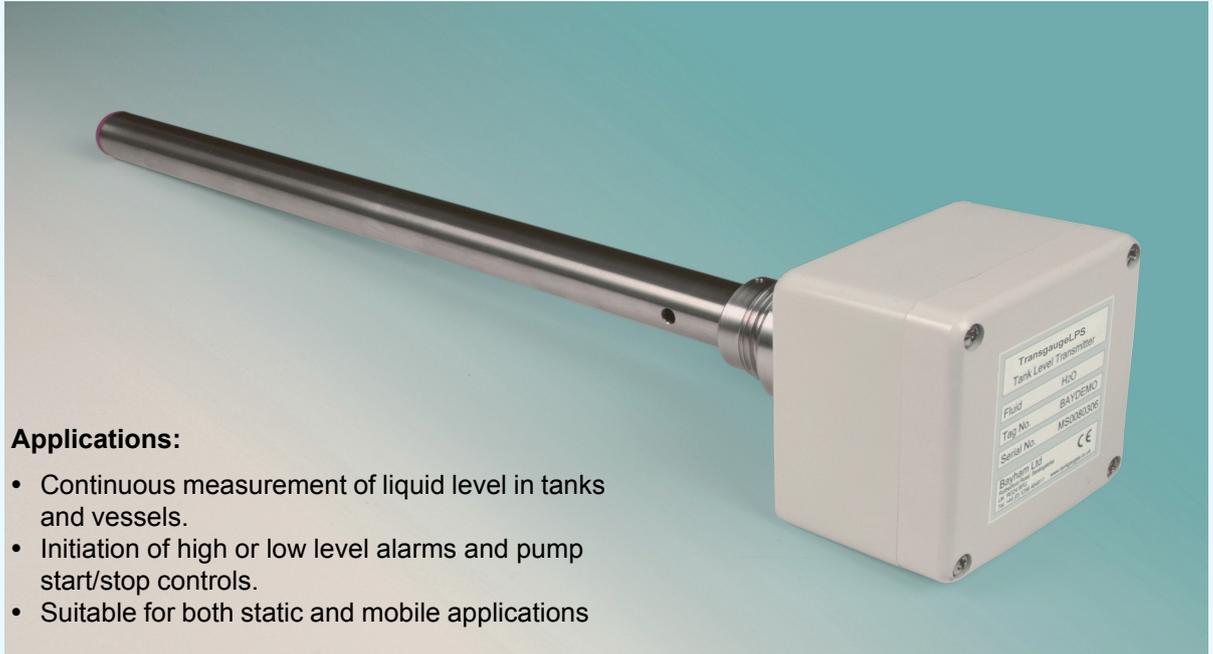


TRANSGAUGELPS CAPACITANCE LEVEL TRANSMITTER



Applications:

- Continuous measurement of liquid level in tanks and vessels.
- Initiation of high or low level alarms and pump start/stop controls.
- Suitable for both static and mobile applications

Features:

- Adjustable integral level switches.
- Versions for conductive and non-conductive liquids.
- Easy to install and set-up.
- Choice of output signals.

The TransgaugelPS measures the level of liquid in a tank using the latest high-resolution capacitive technology. It produces both current and voltage outputs, which can be used by monitoring instruments or control systems. It also incorporates high and low trip outputs providing signal alarms or control points for pumps or valves.

The probe consists of a stainless steel tube with a concentric centre electrode. A breather hole at the top of the tube allows the liquid to flow freely into and out of it. The electronics are housed in a small head box, which also contains the electrical terminals and switches to configure the operating mode.

Using the customer supplied information as requested on the reverse of this data sheet, or customer tank drawings, the probes will be factory pre-calibrated and set to give the required signal outputs and switch levels. A facility exists in the electronics to modify these settings at a later date if site conditions change.

Remote indicators calibrated to suit tank dimensions are available with dials scaled in fractions, percentage or engineering units. In addition, the Bayham range of auxiliary modules provide additional trip level switches, power supplies plus audible and visual alarm mute/test controls.

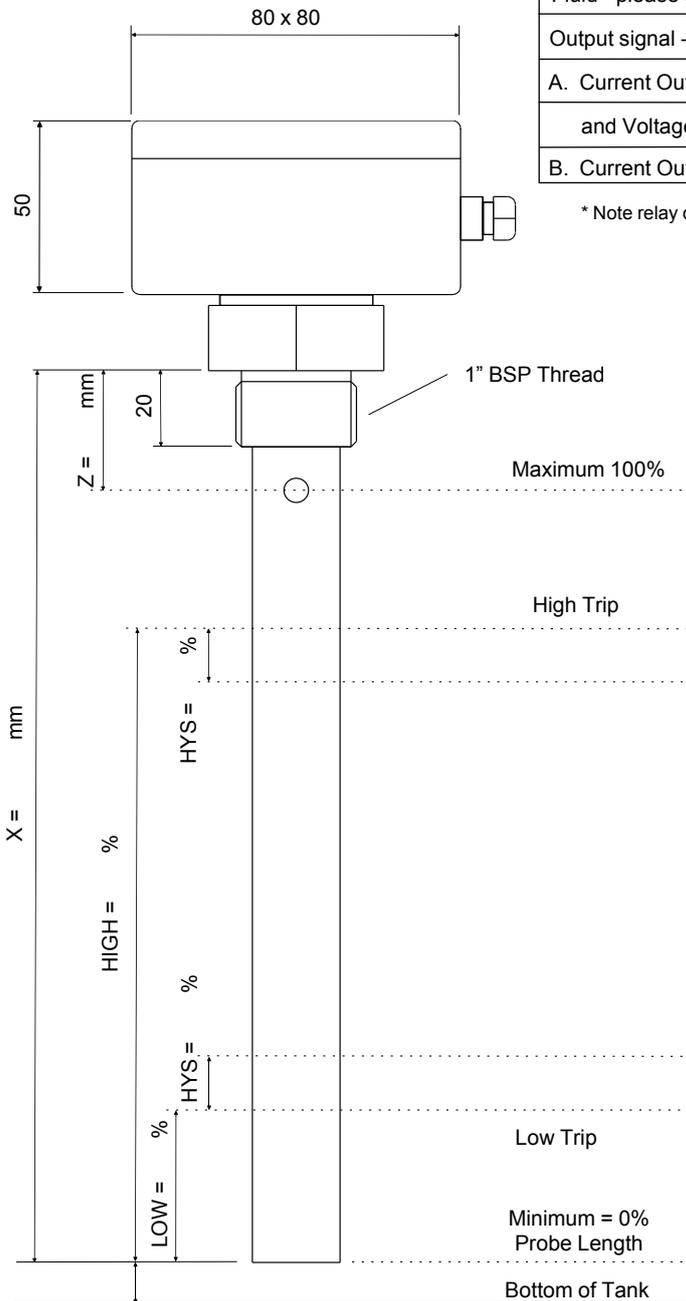
We can also provide data collection via the Internet, please see our Multisend data sheet for further information.

TECHNICAL SPECIFICATION

Power requirements:	10 - 24 Vdc
Max. output span:	0 - 10 Vdc 0 - 25 mA (0 - 6 Vdc and 4 - 20 mA standard settings)
Relay outputs:	2 x SPST relays rated 240 Vac 1A
Probe length:	Minimum 250 mm Maximum 2500 mm
Accuracy:	Typically 2 mm per 1 m probe length
Fixing:	1" BSP parallel thread
Enclosure:	Polycarbonate 80 x 80 x 50 mm to IP66

TRANSGAUGELPS CAPACITANCE LEVEL TRANSMITTER

TRANSGAUGELPS - ORDERING DETAILS



Fluid - please specify

Output signal - Please specify option A or B

A. Current Output (Active) - 20 mA

and Voltage Output - V

B. Current Output (Loop Powered) 4 - 20 mA *

* Note relay outputs immobilised in loop powered mode

Dimension 'X' is typically set so the minimum reading (0%) is at the centre of the tank outlet (Minimum from tank bottom 25 mm)

If dimension 'Z' is not specified, it is set to 45 mm

If dimension 'LOW' is not specified, it is set to 10%

If dimension 'High' is not specified, it is set to 90%

If dimension 'HYS' is not specified, it is set to 2%

All dimensions in mm