

TANKWATCH

Series 600



Self powered hydrostatic contents gauge

key features

- Simple & Reliable
- No Setting Up
- No Power Requirement
- Continuous Reading
- Marine & Industrially Rugged
- Stainless Steel Sensor
- Stainless Steel Gauge
- Custom scaled Dials
- Suitable for any Tank Shape
- Fuels, Oils, Chemicals & Water
- Safe in Zone 0 areas
- Fully Weatherproof



The Tankwatch series 600 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.

Tankwatch sensors are of high integrity electron-beam welded construction using 316 stainless steel throughout. The sensor incorporates a pressure sensitive diaphragm also in stainless steel. Displacement of this diaphragm due to applied hydrostatic pressure is transferred via an inert gas filled microbore capillary to the remotely positioned indicator. Each indicator is individually scaled and calibrated in customer requested units according to individual tank dimensions.

Capillary is heavy duty seamless copper mechanically protected by a FIRE RETARDANT grade sheathing compound, and may be supplied to a maximum of 30 metres in length.

installation

Installation simplicity is a key feature of Tankwatch. For many storage tanks the ES / EP sensor with a 3/4" BSP running nut union may be employed to connect directly with standard / existing tank fittings and may even be fitted to full tanks!

application

For chemical and marine duties, flange mounting variants may be preferred, whilst for underground and some marine tanks internally installed sensors are available, together with a range of tank penetration glands and detachable capillary options. The detachable capillary (from indicator head) enables installation through tank walls

The basic variants are as shown overleaf but contact PSM for the full range of optional fittings and matings to replace sight glasses and existing instruments.

Ordering Information

600 / ES / B / 160W / S / 3 / BV

600/ES - Externally mtg. 3/4" BSP running nut
600/EP - Externally mtg. 3/4" BSP running nut & plunger
600/SM - Externally mtg. DN80 PN16 flange
600/IM - Internally mtg. with fixing bracket
600/IS - Internally mtg. With 2 metres support pole & 125 mm tank flange

A - Range 0.5 to 1 m H₂O
B - Range 1 to 2.5 m H₂O
C - Range 2.5 to 5 m H₂O
D - Range 5 to 7 m H₂O
E - Range 7 to 10 m H₂O

160W - 160mm dia wall mtg. indicator
160F - 160mm dia panel mtg. indicator
100W - 100mm dia wall mtg. indicator
100F - 100 mm dia panel mtg. indicator

DS - Dual scale calibration
RR - Red radial lines
CF - CS closing flange c/w B/H gland
BG - CS bulkhead gland
BGS - SS bulkhead gland
FV - CS flap valve
FVS - SS flap valve
BV - Brass ball valve 3/4" BSP male x female

Overall capillary length in metres (Max 30m)

SS - Sensor material St Stl (std)

Additional information required for manufacture:

Tank dimensions or drawing, sensor fitting position, required scale units, tank product and specific gravity.

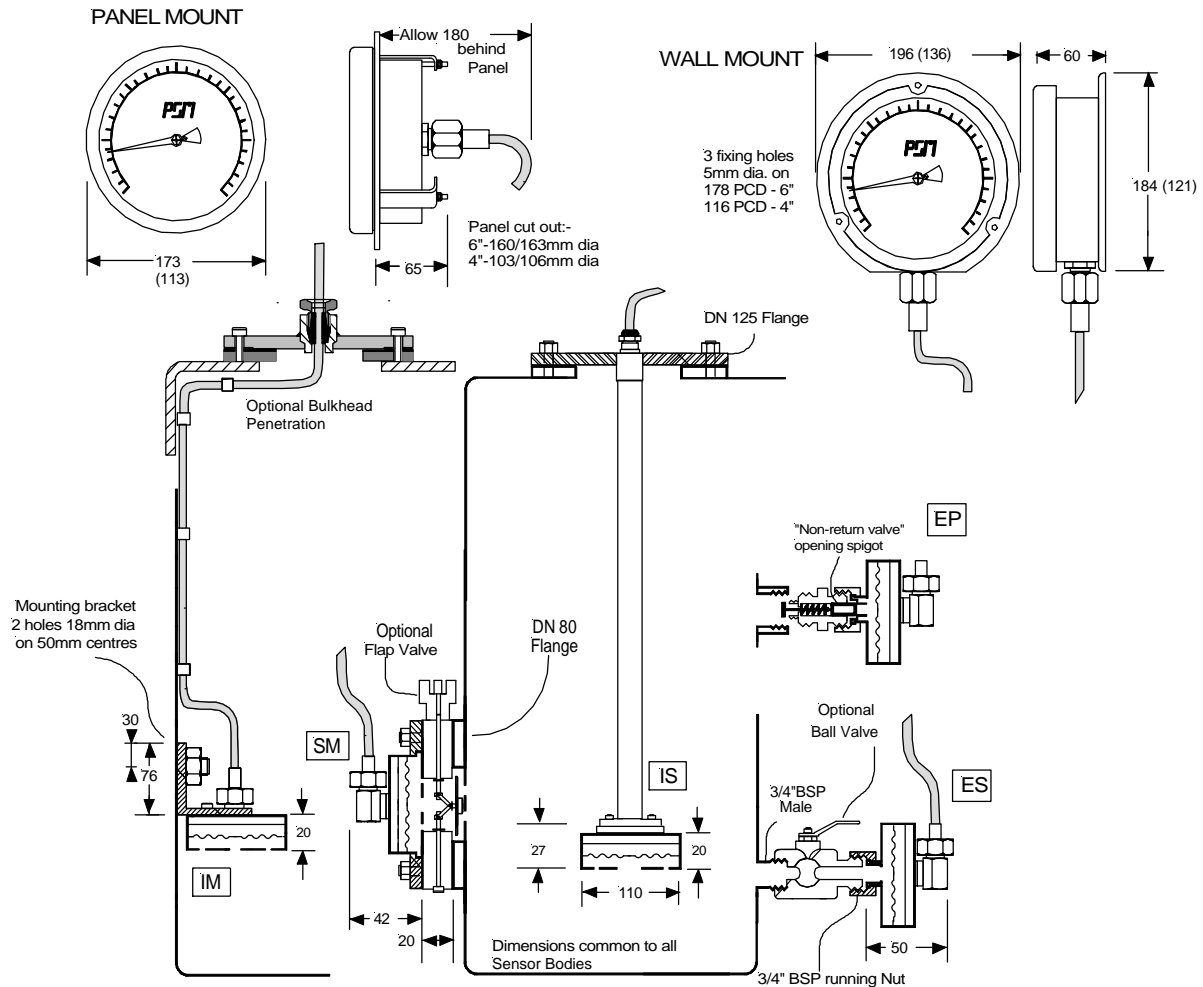
PSM

TANKWATCH

Series 600



general outline and installation



PSm

advice & enquiries

Telephone: +44 (0) 1444 410040

Fax: +44 (0) 1444 410121

Email: sales@psm-sensors.co.uk

Web: <http://www.psm-sensors.co.uk>

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PSM Instrumentation Limited

Burrell Road Haywards Heath W Sussex RH16 1TW UK

T +44 (0) 1444 410040 F +44 (0) 1444 410121 W www.psm-sensors.co.uk E sales@psm-sensors.co.uk