

Product information



PD400 series oil flowmeter data sheet

- Positive displacement
- 1 to 60 Litres per hour
- Pressures to 25 Bar
- Low pressure loss
- $\pm 2.5\%$ accuracy
- $\pm 1.0\%$ with calibration
- $\pm 0.25\%$ Repeatability
- Compact design
- 0 to 60°C range
- Reed switch sensor
- 1800 pulses per Litre
- Low pressure loss

Ideal for

- ◆ Boiler management
- ◆ Engine tests
- ◆ Cooling equipment
- ◆ Active flow alarms
- ◆ Oil flow



These meters are designed primarily for boiler fuel applications but have many applications in diesel fuel test cells and metering applications. The oval gear design ensures that the pressure loss across the sensor is very low (less than 150 mBar at full flow) and that the performance remains almost constant over the whole temperature and viscosity range. The very compact design means that the enclosed volume of the meter is only 2ccm while the 1/8" connections are the most commonly used in the industry. The meter must be installed after an inline filter (100 micron) but it may be positioned in any attitude.

TITAN ENTERPRISES LTD.

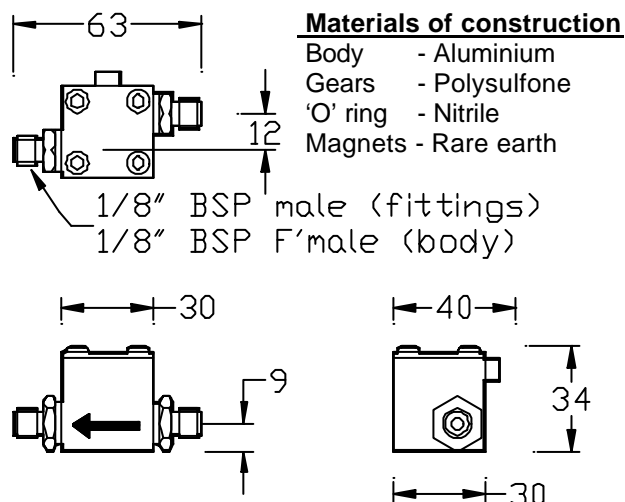
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DT9 4JW

Phone (44) 01935 812790.

Fax (44) 01935 812890

Web www.flowmeters.co.uk

Sales@flowmeters.co.uk



Order codes

Meter only
- PD400

Calibration
- PD400-Cal

Note:-
These are two separate order codes, for a meter with a calibration both items must be ordered.

Product information



PD400 series boiler monitor data sheet

- Battery (4 years) or mains
- 1 to 40 Litres per hour
- Multifunctional
- 1 or 2 stage burners
- $\pm 2.5\%$ accuracy
- Total oil consumption
- No. of starts
- Compact design
- 0 to 60°C range
- No. of hours operated

Ideal for

- ◆ Boiler management
- ◆ Engine tests
- ◆ Cooling equipment
- ◆ Active flow alarms
- ◆ Oil flow



These six digit LCD displays are designed primarily for boiler fuel applications but have many applications in diesel fuel test cells and metering applications. They must be used in conjunction with our PD400 and are not suitable for use with other flowmeters as they are pre-calibrated. The multi-function facilities include, flow rate, sum and re-settable totals, boiler hours operated, and a one-year warning of battery failure. The front panel is sealed to IP65 and the unit fits a standard 22.2 x 45 mm cut out. The character height is 8mm with leading zero suppression. Function annunciators are to the left of the numerals, L/h symbol to the right.

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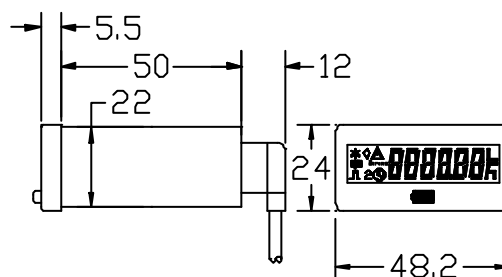
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Order codes

Meter only- PD400

Mains powered display
- PD400-1

Battery powered display
- PD400-2

