

PD400 OVAL GEAR DATA SHEET

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

Ideal for
 Boiler management
 Engine tests
 Cooling equipment
 Active flow alarms



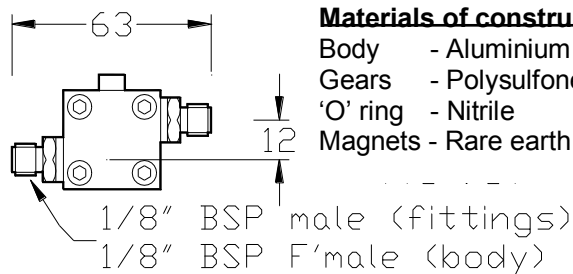
TITAN ENTERPRISES LTD.

Coldharbour Business Park,
 Sherborne,
 Dorset,
 DT9 4JW
 Phone (44) 01935 812790.
 Fax (44) 01935 812890
 Web www.flowmeters.co.uk
 Sales@flowmeters.co.uk



PD400 & display

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. The meter without the display can be used up to 60 L/Hr.



Materials of construction

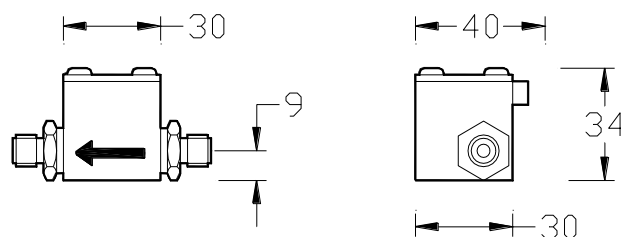
- Body - Aluminium
- Gears - Polysulfone
- 'O' ring - Nitrile
- Magnets - Rare earth

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.

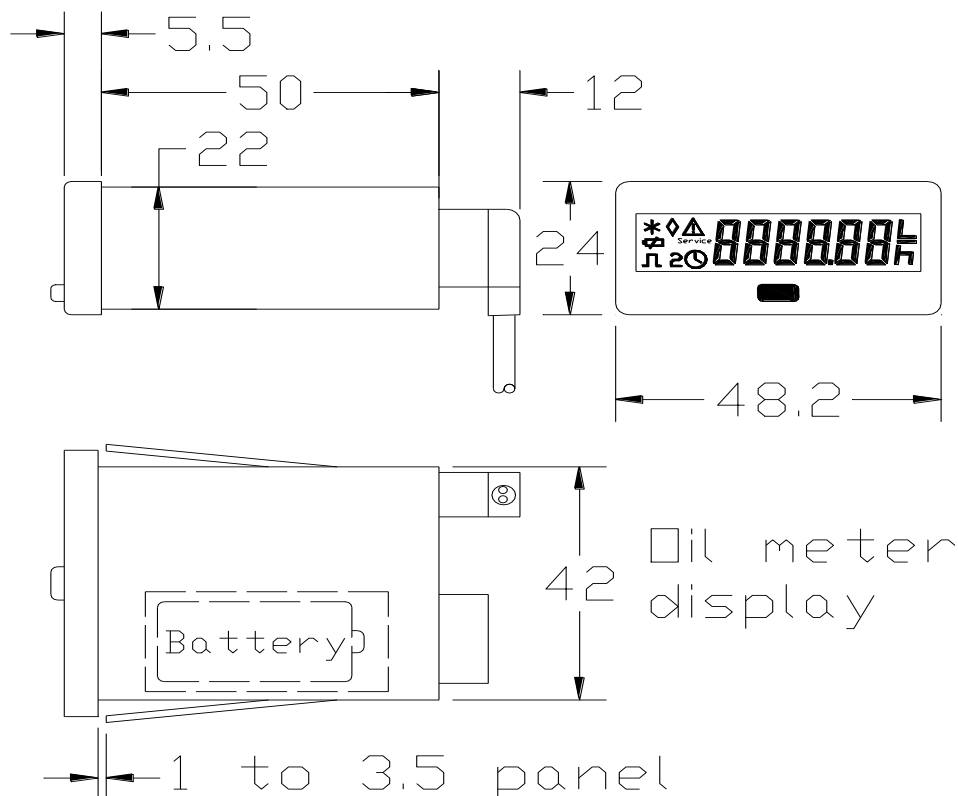


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- Oil flow



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.



Order codes

- Meter only - PD400
- Mains powered display - PD400-1
- Battery powered display - PD400-2