



Badger Meter Europa

## LM OG-PVC series

For the measurement of aggressive fluids



### Features

- Rugged construction
- Easy battery exchange, duration of approx. 4 to 5 years
- Suitable for AdBlue®
- Dispense in liters, quarts, pints, gallons

### Description

The LM OG-PVC line is of modular design. The basic meter LM OG-PVC is an oval gear meter suitable for wall-mounting in oil lines, as inline meter or hose end meter. Two precision oval gears are mounted in PVC housing. The electronic, 2-line register is controlled by magnets. Robustness, easy handling and maintenance are features of the meter series. The electronic unit is shockproof and insulated against liquid entrance.

### Applications

Dispense measurement of aggressive fluids (repairs and workshop).

Typical liquids measured are AdBlue® and windscreen wash.

### Technical data

Connection	1/2" BSPP
Flow range	0,5 to 35 l/min
Accuracy*	±1%
Viscosity	up to 5000 mPas
Nominal pressure	10 bar
Operation temperature	-10 to +50°C
Display	LCD, 5 digits; totalizer 1: 999,99 resettable ; totalizer 2: 99999 not resettable
Protection class	IP 67

### Operation

Each rotation of the oval gears displaces a given volume of fluid. Controlled manufacturing tolerances ensure exact clearances between gears and chamber wall guarantying minimum of leakage. A magnet on each end of the gears activates the reed switch on the circuit board. Depending on the viscosity, the accuracy can be adjusted upon the calibration factor.

### CAUTION

The use of meters in applications other than those described in this material may result in inaccuracy and possible meter failure. This meter is designed for petroleum-based products. It is also important that fluids be properly filtered before entering the meter. Foreign particles will cause inaccuracy as well as possible malfunction of the meter. Warranties are void in the circumstances described above.

\*AdBlue® is a trademark of the German Association of the Automotive Industry (VDA).

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