

Meter series with electronic register for lubricants

General description

The OG line is of modular design. The lube meter LM OG-Oily is a low cost oval gear meter. Two precision oval gears are mounted in a powder-coated aluminium housing. The electronic register is controlled by wetted magnets. Robustness, easy handling and maintenance are features of the meter series. The electronic unit is shockproof and insulated against oil.

Applications

Dispense measurement of lubricants in non approved applications (repairs and workshop). Typical liquids measured are Petroleum products from SAE 5 to 50, automatic transmission oil SAE 80 bis 240, antifreeze solutions and similar fluids.



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. The total amount of fluid dispensed from inventory can be checked periodically by pressing the TOTAL button.

Technical data

Type	LM OG-Oily
Size	DN 1/2"
Flow range	1 to 28 l/min
Accuracy*	±0,6%
Nominal pressure	PN 70 bar
Operating pressure	min. 0,35 bar
Operating temperature	-10 to +50°C
Viscosity	8 to 5000 mPas
Register	LCD, 5 digits
Weight	1,58 kg

*Tested with Mobil oil DTE 25

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