

Non approved model for the measurement of coolants

General description

The OG line is of modular design. The basic meter is an oval gear meter suitable for wall-mounting in oil lines, cabinets or field mounting. 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 schockproof and insulated.



Applications

Dispense measurement of coolants in non approved applications (repairs and workshop).

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.

Technical data

Size	DN 1/2"
Flow range	1 to 35 l/min
Accuracy*	±0,5%
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
Connection	1/2" female BSP
Power supply	Lithium battery 3V
Oval gear material	LCP Vectra
Weight	665 g

*Tested with Mobil oil DTE 25

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