

The **European Directive 2014/32/EU**, better known as Directive **MID** (Measuring Instruments Directive), is a community norm responding to reasons of public interest, safety and order, protection of the environment and the consumer, of levying taxes and duties and of fair trading. All these points affect directly and indirectly the daily life of citizens in many ways and require certified measuring systems subject to fiscal verification.

The **MID MI-005** involves measuring systems for continuous and dynamic measurement of quantities of liquids other than water, particularly lubricant oils.

The Flexbimec oil flow meter series **MID MI-005** complies with metrological standards and requirements concerning accuracy as defined in the a.m. Directive and can be used therefore as approved meters also in fiscal transactions.



Art.no. **2545**

Electronic oval gears flow meter for oil, approved for fiscal transactions according to **MID Directive 2014/32/EU**, with rubber protection guard, control gun, 1/2" BSP (M) inlet swivel, fluid flow transparent control tube and automatic anti drip nozzle.



Conformity assessment Art. 17 modules **B+D**



Type Approval certificate MID 89_B_1 - rev. 01

RATED OPERATING CONDITIONS	
Type of fluid	Lubricant oils
Flow rate range	Qmin 0.5 L/min ÷ Qmax 10 L/min
Minimum measurable quantity (MMQ)	0.5 l
Accuracy class	0.5
Working temperature	+ 5°C / + 40°C
Working pressure	1 – 20 bar
Display division	0.005 l
Mechanical environment class	M1
Electromagnetic environment class	E2
Checksum code	cksum E57E
Protection class	IP 64
Underlying CE Directives	2004/108/CE 2006/95/CE
Underlying CE norms	CEI EN 61000-4-2 CEI EN 61000-4-2 A1 CEI EN 61000-4-2 A2 CEI EN 61000-4-3
Single operations data storing capacity	2000 data record
Composition of storable single operations data	- Serial number of single dispense - Year of dispense - Month and day of dispense - Time of dispense - Dispensed quantity of single operation - Absolute total of dispensed quantities