

MGE-110-Ex

Electronic aluminium meter with oval gears and ATEX certification



5-110
l/min

±0.5%
accuracy

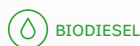
- ✓ High accuracy measurement
- ✓ Digital liquid crystal display
- ✓ Button battery of long duration



DIESEL



PETROL



BIODIESEL



LUBRICANT



II 1G

MGE-110-Ex

Electronic aluminium meter with oval gears and ATEX certification



MGE-110-EX

32606-CF00000

Features

- › For private use and suitable for measuring diesel, petrol, biodiesel, aviation fuel and other liquids compatible with the construction materials of the equipment. Certified for use in explosive atmospheres containing gases up to Group IIC.
- › High-precision measurement using oval gears
- › Display of total litres dispensed or volume unit in use
- › Display: 3 digits and 2 decimal places (999.99), 4 digits and 1 decimal place (9999.9) or 5 digits (99999)
- › Calibration parameters and totaliser saved in non-volatile memory
- › This meter has been designed and certified for installation in hazardous areas (Group II) classified as Zone 0, Zone 1 and Zone 2, in accordance with standard EN 60079-10-1
- › Due to its T6 temperature classification, the equipment is suitable for atmospheres with a self-ignition temperature exceeding 85 °C. The user must ensure that the characteristics of the fluid and the environment match the device's EPL protection level.

Components

- › Aluminium body
- › Digital display of liquid crystal
- › Control buttons (RESET & TOTAL)
- › Long life battery (approx. 4 years)
- › Low battery indicator

Technical data

Flow	5-110 l/min (diesel/petrol)
	5-80 l/min (lubricant)
Accuracy	±0.5 %
Pressure	55 bar
Ambient temperature	-10 °C / +40 °C
Fluid viscosity	22,000 cSt
Connection	F1" BSP thread or flange
ATEX category	II 1G
ATEX marking	Ex ia IIC T6 Ga
EU type examination certificate	LOM 20ATEX1053X

Optional

Aluminium flange kit F1"	800003071
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The ATEX certification marking is permanently engraved on the front panel of the equipment. Users are responsible for verifying that the classification (group, category, gas mixture and temperature class) is compatible with the safety requirements of their installation and the specifications of their order. The equipment is subject to specific conditions of use, which are described in the instruction manual.

If you detect any discrepancy between the physical marking on the equipment and the requested technical requirements, do not proceed with installation or commissioning and contact TOT COMERCIAL SA immediately to resolve the issue.

5-110
l/min

±0.5%
accuracy



II 1G



0.850 kg
(approx.)



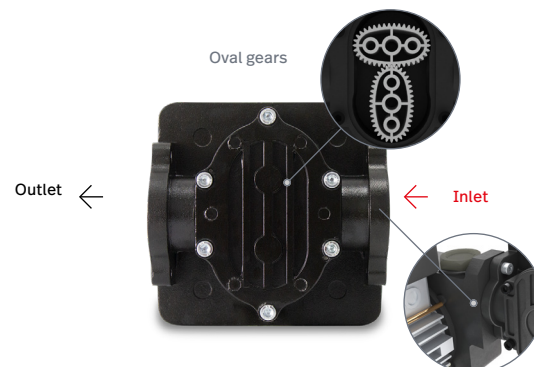
123x68x123 mm
LxWxH (approx.)



0.900 kg
(approx.)



147x85x140 mm
LxWxH (approx.)



Direct connection
through flange to
Gespasa pumps

4 positions

