Compac COM250 Flow Meter

Data Sheet

The Compac COM250 Flow Meter is highly accurate and reliable with simple flange mounting for easy installation.

Features of the Compac COM250 Flow Meter

1. High Flow rate – up to 400lpm

2. NMI Weights and Measures approval

3. Low maintenance costs

4. Meter can be overhauled in situ without the need to remove pipework ie Serviceman can easily replace the Rotor or Electronics with only an Allen key in just a few minutes

5. Long life PEEK bushes – no ball bearings to wear out

6. No shaft end seals to leak

7. Corrosion resistant Aluminium housing

8. Secure Electronic module – no external shafts or castellated disks that can be tampered with

The COM250 Meter is suitable for these liquid fuels

- Diesel
- Petrol
- AVGAS
- JET AI

COM250 Specifications:

Power requirements	
Maximum Supply Voltage	6.0 V
Minimum supply voltage	5.0V
Maximum Supply current	235mA
Output	
3 Channel	3 channel 5V Square Wave output
Flow Rate and Pressure	
Minimum Flow Rate	40 litres per minute
Maximum Flow Rate	400 litres per minute
Maximum Working Pressure	25 bar
Temperature Range	
Ambient Temperature range	-40°C to 70°C
Material	
Body and End plates	AL6061 Aluminium
Internal Seals	NBR Shore 70 Oring seals
Rotor	Aluminium
Bushes	PEEK
Inlet / Outlet connection	Four bolt flange with Oring - M10 x 25mm set screws
Provision for Sealing	Predrilled holes through body and screws for wire with lead seal
Recommended filter before Meter	1.0mm Strainer
Electrical Approvals	
IECEx	IECEx ExTC 17.0009X Ex ib IIA T4 Gb
ATEX	CE 0598 TÜV 18 ATEX 8225X
Weights and Measures approval	
NMI Certificate of Approval NMI 5/6A/236	The COM250 Meter has NMI Australia Weights and Measures approval when connected to either a Compac or any other compatible Calculator/Indicator with NMI approval. Accuracy class: 0.5 (system calibrated to +/- 0.3%)

COM250 Dimensions including pipework mounting details

Flange connection to inlet and outlet of the COM250 is M10 x 25mm Set Screws

COM250