

Compac COM50 Flow Meter Data Sheet

Th Compac COM50 Flow Meter is highly accurate and reliable with simple flange mounting holes for easy installation.

Features of the Compac COM50 Flow Meter

- 1. NMI Weights and Measures approval
- 2. Low maintenance costs
- 3. 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
- 4. Long life PEEK bushes no ball bearings to wear out
- 5. No shaft end seals to leak
- 6. Corrosion resistant aluminium housing
- 7. Secure Electronic module no external shafts or castellated disks that can be tampered with

The COM50 Meter is suitable for these liquid fuels

- Diesel
- Petrol
- LPG
- AVGAS
- JET AI





COM50 Specifications:

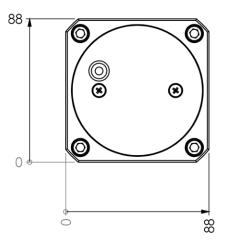
| Power requirements | |
|---|---|
| Maximum Supply Voltage | 6.0 V |
| Minimum supply voltage | 5.0V |
| Maximum Supply current | 235mA |
| Output | |
| 3 Channel | 5V Square Wave |
| Flow Rate and Pressure | |
| Minimum Flow Rate | 8 litres per minute |
| Maximum Flow Rate | 80 litres per minute |
| Maximum Working Pressure | 5 bar |
| Temperature Range | |
| Ambient Temperature range | -40°C to 70°C |
| Material | |
| Body and End plates | AL6061 Aluminium or equivalent |
| Internal Seals | NBR Shore 70 Oring seals |
| Rotor | Aluminium |
| Bushes | PEEK |
| Provision for Sealing | Predrilled holes through body and screws for wire with lead seal |
| 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 COM50 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%) |





COM50 Dimensions including pipework mounting holes

FRONT VIEW



BOTTOM VIEW (Inlet)

