



UK Flowtechnik

Specialists in flow metering, pumps, couplings
and process measurement equipment

PRODUCT DATASHEET



UK Flowtechnik Ltd
1 Central Park
Lenton Lane
Nottingham
NG7 2NR
United Kingdom

Phone +44 (0) 11 59 01 71 11
UK Free Phone 0800 4334 770
Fax +44 (0) 11 59 86 88 75

sales@ukflowtechnik.com
www.ukflowtechnik.com

OM Chem Oval Gear Flowmeter



The FLOMEC® Chemical Flow Meter provides precise volumetric flow measurement of a broad range of clean water based products and aggressive chemicals and is also suitable for most fuels, fuel oils and lubricating liquids. Applications include Batching, dosing or packaging of various corrosive chemicals as a more economical alternative to a complete 316 stainless steel meter for liquids such as Diesel Exhaust Fluid (Adblue).

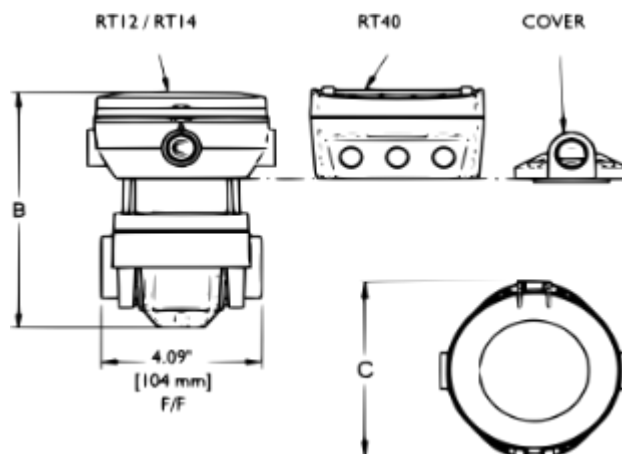
Features & Benefits

- High accuracy & repeatability, direct reading flow meter
- No requirement for flow conditioning (straight pipe runs)
- Measures high & low viscosity liquids
- Quadrature pulse output

Technical Data

| | OM025P |
|---|--|
| Flow Range l/min | 10-150 |
| Connection Size | 1" |
| Reed Switch Meter Factor (Pulses per litre) | 27 |
| Hall Effect Meter Factor (Pulses per litre) | 107 |
| Body Material | PPS |
| Gear Material | PPS (with Ceramic spindles) |
| Seals | Viton (standard), options for PTFE encapsulated Viton or Buna-N (Nitrile) |
| Linearity | +/- 0.5 of reading |
| Max Pressure (Bar) | 5 |
| Max Temperature (°C) | 80°C |
| Output | Reed switch (30V, 200 mA max) or Hall effect NPN pulsed output (5-24 Vdc, 20 mA max) |

Dimensional Data



| | B | C |
|-------|-----|-----|
| RT14 | 167 | 124 |
| RT40 | 170 | 96 |
| Cover | 123 | 74 |

Ordering Information

