

Model:	VFF/LF 10/SS/(pressure)bar
Body:	Body provided in 316 stainless steel with ½" NPT female process connections in-line. Higher pressure versions available with connections to suit.
Rotor:	The rotor is provided in either anti galling stainless steel or Carbon, with a 316SS encapsulated magnet.
Seal:	There is a single Viton O-ring seal between the top cap and body. Other materials are available.
Pick-up/Transmitter:	There are two reed switch sensors where one reed switch is active. There is a polyester/SS housing which is O-sealed to the meter body providing a rating of IP68. The optional display is mounted on the housing. Typical reed switch life is 10 years at normal operating flow rates.
Pressure rating:	40, 110, 207, 345, 414, 520, 690, 935 or 1380 bar
Temperature rating:	-20°C to +100°C (subject to chemical compatibility).
Pulse output:	The unit provides a reed switch output with approximately 950 pulses per litre.
Viscosity range:	1.2 to 2000 cSt or greater. The normal meter maximum flow rate applies for viscosities from 1.2 to 30 cSt. For higher viscosities up to 2000 cSt a reduced maximum flow rate may apply.
Flow rate range:	Normal flow rate range 0-250 ml/min (0-15l/hr). Minimum flow rate repeatably measured relates to application viscosity and rotor type for example less than 0.8 ml/min for 11 cSt.
Filtration:	A 15 micron filter is advisable for 100% long life serviceability. If filtration is not possible, consult factory.
Accuracy:	A calibration certificate is provided based on a representative viscosity fluid for the application. The calibration certificate confirms the flowmeter accuracy. Improved system accuracy can be provided typically to ±1 % of actual reading where the linearisation signal processing facility of the display instrument is employed.

These products conform to PED, ATEX and EMC.

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