

DFM2

FIXED DOPPLER FLOWMETER

DFM2

- s Non-invasive clamp-on sensor
- s Pipe sizes \geq DN25
- s Flow total and rate display
- s Microprocessor controlled
- s Programmable
- s Analogue Pulse & Relay outputs
- s Metric and English units
- s Easy to use
- s Data logger option



Applications

- s Mining Slurries
- s Dredging Slurries
- s Paper Pulps
- s Water industry sludges

The Flowmetrix DFM2 is a microprocessor-controlled flowmeter for the measurement and control of liquids flowing through process and effluent pipelines using the non-intrusive Doppler principle. The flowmeter display indicates flow rate and total volume for a wide range of liquids, including aerated water, liquids containing suspended solids, slurries and sludges. The Flowmetrix DFM2 requires fluids with a minimum concentration of 100 ppm of solids or bubbles having minimum size of 100 microns

The Flowmetrix DFM2 includes a relay with adjustable high and low set point control, totaliser output and signal loss alarm.

Specifications:

Velocity Range	: 0.3 to 10.0 m/s	Transducer	: IP68 St/Steel epoxy-faced
Accuracy	: better than $\pm 2\%$ of FS		81 x 23 x 23mm Power
Repeatability	: $\pm 1\%$: 115/230 Vac (6VA)
Cable length	: 3m length DFM2-1-x		24Vdc (3.6W)
with inline transmitter	: 3+1-100m DFM2-2-x	Outputs	: Active 4-20mA signal
Temperature	: Sensor -20 to 90°C		24Vdc pulse
	Electronics -10 to 50°C		Programmable 1A Relay
Electronics	: Polycarbonate IP66	Indication	: 2 - Line 16 Character
Enclosure	: 125 x 125 x 75mm		backlit LCD
		Weight	: 1kg

DFM-2 Doppler flowmeter

Product designation	Product Code
DFM-2 Doppler Flowmeter	DFM2 - 2 - 2 - 0 0 0
Doppler flowmeter complete with sensor, 3m cable	1
Doppler flowmeter complete with in-line transmitter & sensor 3m + 1-100m cable	2
<u>Power Supply</u>	
115Vac	1
230Vac	2
24Vdc	3
<u>Cable</u>	
Screened 3-core cable from preamplifier to DFM2-2 electronics xxx = cable length in metres	x x x
No Cable	0 0 0