

HARIS

ELECTRO MAGNETIC FLOWMETERS

Advanced technology for brilliant performance



PC datalogger software



FLOW MEASUREMENT

EMF Series Electromagnetic Flowmeters

Applications

- Water Treatment
- Pump Testing
- Paper & Pulp
- Effluent Treatment Plants
- Waste Water & Sewerage
- Food & Dairy Processing
- Chemical Process Plants

Features

- Rate Indicator/Totalizer & Batch Functions
- Very user friendly & programmable
- Latest Pulsed DC Excitation
- Linear & Accurate
- Separate version
- Computer Interface - digital data logging
- Easy Maintenance

FREHNIG Flow measurement system, takes care of all your flow measurement and monitoring needs with maximum efficiency. The system comprises of a magnetic flow tube and an electronic flow convertor

Specially designed flow coils, generate a magnetic field in the flow tube. As the conductive fluid moves in this field, voltage proportional to the velocity of fluid is generated in the electrodes. This voltage is received by the flow converter, and digital signal processing is done before the flow value is displayed in the illuminated alphanumeric LCD.

The totalizer value is protected in an EEPROM in case of power failure.

The flowmeter uses advanced digital technology with intelligent software systems combined with precision engineering ensuring accurate and reliable flow measurement.

Size	Low Flow cut-off	Min Full Scale	Max Full Scale
	lpm	lpm	lpm
1	0.5	10	300
1 1/4	0.8	14	475
1 1/2	1.0	25	700
2	2.0	40	1100
2 1/2	2.9	55	1900
3	3.5	85	2500
4	6.0	150	4500

Specifications

Accuracy	:0.5%
Operating Range	:0.3 - 10m/s
Flange Connection	:Ansi B 16.5
Lining	:PTFE
Min Conductivity	:10 uS/cm
Flange Material	:Carbon Steel
Coil Housing	:Carbon Steel
Electrodes	:SS316L / Hastelloy-c*
Measuring Tube	:SS304
Meter Enclosure	:Cast Aluminum
Empty Pipe Detection	:Yes
Outputs	:Isolated 4-20mA, pulse*
Communication	:RS-232
Digital Datalogger	:Optional
Power Supply	:220V AC 50 Hz :110V AC 60 Hz*
	*:Optional

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