SANT VALVES SINCE 1953

I.B.R

ISO 9001 CERTIFIED COMPANY

WM7 Sant Electromagnetic Flow Meter

Description

Sant Electromagnetic Flow Meters follow the Faraday Law of Electromagnetic Induction. They are used to accurately measure the flow rate of liquids which are electrically conducting.

- Nominal Size: 25-200 mm
- Electrode Material: SS 316L
- Lining Material: FEP
- Flange Material: Carbon Steel
- Flow Sensor Housing: SS 316
- Flow Sensor Protection Class: IP 65
- Power Supply: 85VAC – 240VAC
- Signal Output: 4~20mA
- Pulse Output: Adjustable from 0.001 to 1000 L Pulse
- Communication: RS 485 with Galvanic Isolation, MODBUS
- Cable Length: 5M

Features

- No moving parts. virtually no pressure lost.
- Corrosion protection, abrasion resistant.
- High accuracy, stable performance.
- High level of anti-vibration and anti-jamming, wide measuring dimensions.
- Multi output interface: 4~20mA, Pulse, Alarm outputs, RS – 485 (Modbus) communication.

Working Conditions

- Pressure Rating: PN16
- Temperature Rating: <80°C
- Relative Humidity: <85%

Accuracy

Accuracy: ±0.5%

Dimensions (in mm)

Size	L	θD	K (PCD)	n x d
25	200	115	85	4xθ14
40	200	150	110	4xθ18
50	200	165	125	4xθ18
80	250	200	160	8xθ18
100	250	220	180	8xθ18
150	300	285	240	8xθ22
200	350	340	295	12xθ22

Technical Data

Size (mm)	Min Flow Rate (L/h)	Max Flow Rate (L/h)	L (mm)	θD (mm)	K (PCD) (mm)	n x d (mm)
25	880	18000	200	115	85	4xθ14
40	2300	45000	200	150	110	4xθ18
50	3500	71000	200	165	125	4xθ18
80	9100	181000	250	200	160	8xθ18
100	14000	283000	250	220	180	8xθ18
150	32000	636000	300	285	240	8xθ22
200	57000	1130000	350	340	295	12xθ22

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