

Steam Meter with Pulse Output

Third-Party Products

From The Manufacturer of E-Mon D-Mon

Description

The M22-VT in-line meter provides a compensated mass flow reading of saturated steam in pipe sizes from 1/2" to 8". The M22 series mass flow meters use a unique sensor head to monitor flow rate by measuring three variables: fluid velocity, temperature and pressure. Fluid velocity is measured using a vortex shedder bar in the flow stream, which measures the frequency of vortices created by the shedder bar. Temperature is measured using a platinum resistance temperature detector (RTD). Pressure is measured with a solid-state pressure transducer. All three elements are combined into an integrated head assembly downstream of the shedder bar, within the flow body. This method increases the accuracy by minimizing pipe-line vibration and pump noise.

The M22 has a pulse output for interfacing with interval data recorders. The unit has field configurable ranges and displays as well as various optional analog outputs.



Model Numbers

M22-VT

Specifications

Construction:	316L stainless steel, NEMA 4X
Sizes Available:	1/2" to 8"
Power Requirements:	120 VAC AC power. Optional DC powered model available.
Size by:	Flow rate in lbs/hour, pressure in psig, pipe size in inches
FM Approvals:	Explosion proof, Class 1, Division 1, Groups B, C & D Dust ignition proof, Class 2 & 3, Division 1, Groups E, F & G
Display:	2 line x 16 character LCD Display can be mounted at 90 degree intervals for better viewing.
Pulse output:	For interface with interval data recorders (IDRs)
Accuracy:	1.5%

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