

TECHNICAL SPECIFICATIONS OF INCONEL VORTEX FLOW METER

Meter Sizes	: 1 inch (25 mm) to 118 inch (3000 mm)
Model	: 3069 Vortex Flow Meter
Inline Sizes	: Wafer Style : 1 inch (25 mm) to 10 inch (250 mm)
Insertion Sizes	: Fixed Style & Hot Tap Style. : 10 inch (250 mm) to 118 inch (3000 mm)
Fluids	: Liquids, Gases and Steam
Accuracy	: +/- 1.0% of the reading or better
Repeatability	: +/- 0.1% of the reading
Operating Pressure	: Minimum – Adequate Back Pressure to prevent cavitations : Maximum Possible - up to 140 kg/cm ²
Operating Temperature	: Ambient = - 20° C to 60° C : Process Fluids = -200° C to 300° C (optional)
<i>Please specify Operating Pressure, Temperature while placing an Order.</i>	
Material of Construction	: 316 S.S., 304 S.S., Others Optional
Mounting	
Inline Meters	: Wafer Style meter for direct mounting between 150 lbs ANSI Flanges. Centering rings required for other flange ratings. (300,600 & 900 Lbs ANSI)
Insertion Meters	
Fixed Style	: On T Flange welded to main pipeline.
Hot Tap Style	: Can be removed from the pipe line without shutting down process (isolation valve required)

Flow Transmitter Standard : Three wire, pulse output Flow Transmitter.
No external DC power is required.
Indicator supplies 24 V (DC), 15 mA to Flow Transmitter.
Indicator has isolated linear two wire 4-20mA output
for remote indication
(External DC power reqd. for two-wire loop)

Three-wire system is advantageous and recommended for achieving absolute accuracy in totalizing, due to digital pulse signals.

Flow Transmitter Housing

Standard : Weather Proof as per IP-65.

Optional : 1. Explosion Proof CMRS certified as per IS: 2148 for Group I, IIA and IIB.
2. Submersible as per IP-68/IP-67 protected against effects of immersion in water for indefinite period under specified pressure.