

FICTIONAL DEMO DOCUMENT - SPECIMEN ONLY. NOT A REAL PRODUCT, APPROVAL OR CERTIFICATE.

FL - 410

Vortex Flowmeter

Rugged volumetric flow for steam, gas and liquids.

KEY FEATURES

- Rugged sensor for steam, gas and liquids
- No re-calibration drift over the sensor life
- Integrated temperature compensation

The FL-410 counts vortices shed by a bluff body to measure velocity. With no moving parts and a tough all-metal sensor it is a dependable meter for saturated and superheated steam.

TECHNICAL SPECIFICATION

MEASUREMENT	
Principle	Vortex shedding flow
Measuring range	0 to 40000 kg/h
Accuracy	±1 % of reading
OUTPUT	
Signals	4–20 mA, HART, Pulse / frequency
PROCESS	
Connection	Wafer
Process temperature	-40 to 400 °C
ENVIRONMENT	
Ingress protection	IP67
APPROVALS	
Approvals (demo)	Hazardous-area protection (Ex d), Pressure-equipment conformity
MEASUREMENT	
Nominal sizes	DN15 to DN300
Turn-down	30:1 for liquids, 20:1 for steam
PROCESS	
Max. pressure	100 bar
Wetted materials	316L, Duplex

Specifications are illustrative demo values created for the INSTRAVA template. Replace with your own product data.