

FMTA

OEM Pitot Tube Flowmeter



OVERVIEW

Operation

FMTA and differential pressure transmitter are often being used in the measurement of flow. With several pressure detecting holes on the FMTA, we can get the average of the flow inside the duct and improve the problem happened in the flow measuring where disturbance occurs when there's no adequate space inside the straight inlet.

FMTA is a probe we inserted into the duct (along with the whole diameter) to measure the flow. When the probe encounters the flow, will sense and get the average total pressure P1 in windward side and static pressure P2 in leeward. FMTA then gets the flow velocity by measuring the difference between total pressure and static pressure (i.e.) dynamic pressure (ΔP) and flow average velocity(V).

Features

- Stainless steel housing, high temperature resistant, corrosion resistance, dust resistance, can measure micro flow rates.
- If connect with BASS transmitters MPS/MSP or APT series with multifunction display BAB216 series is a great solution for measure the dynamic pressure (ΔP) of the airflow in the pipeline and calculate the wind speed, air volume and temperature.
- Applied in harsh environments, exhaust gas emission, environmental protection engineering, installation location is not restricted. Can be customized according to customer needs.



TECHNICAL DATA

Operating Pressure

Max 10 bar

Operating Temperature

Max 250°C

Measuring Medium / Coefficient

Air / flow coefficient (K) :1

Tube / Flue Installation

Tube type

Measuring Tube

SUS316

Connection Screw

Copper or stainless steel (optional)

Installation Connection

4...12" below 3/4" PT movable thread
18...40" below 1" PT movable thread

Outlet Connection

1/8" G inside thread or 1/4" G inside thread

Length (mm)

100/150/200/300/450/600/800/1000 mm

ORDERING

Model

FMTA OEM Pitot Tube Flowmeter

Installation

04 Duct mounting

Material

2 SUS316

Length

4"	100 mm
6"	150 mm
8"	200 mm
12"	300 mm
18"	450 mm
24"	600 mm
32"	800 mm
40"	1000 mm

