

Vortex Flow Meter

for Steam, Gas, Compressed Air, and Liquid

VFM80 Vortex Flow Meter



Special features

- Super low flow measure down 2 m/s, 1:60 Ratio
- Patent dual sensor technology in anti-vibration
- Bluetooth Function for set up and read by APP
- Self-diagnosis Function plus remote diagnosis
- Color LED display and optical touch button

Measurable Parameter

Standart Version : Volume Flow Rate in Pipe
(can measure mass flow rate, Temp and Pressure)
Multi-variable version : Flow, temperature, pressure
total Flow, velocity.

Output Signal

Modbus RTU, Analog, 3 x 4..20mA, HART

Pressure Allowance

1.6 Mpa, 2.5 Mpa, 4.0 Mpa, 6.3 Mpa

Line Size

The wafer and flange type cover line size
from DN15 to DN300
The insertion type covers DN300~DN1000
Process Connection : ANSI, JIS, DIN

VFM60 Vortex Flow Meter



Special features

- Super low flow measure down 2 m/s, 1:30 ratio
- Unique dual sensor technology in anti-vibration
- Bluetooth Function for set up and read by APP
- Self-diagnosis Function plus remote diagnosis
- No mechanical wear part

Measurable Parameter

Standart Version : Volume Flow Rate in Pipe
(can measure mass flow rate, Temp and Pressure)
Multi-variable version : Flow, temperature, pressure
total Flow, velocity.

Output Signal

Modbus RTU, Analog, 4..20mA, HART

Pressure Allowance

1.6 Mpa, 2.5 Mpa, 4.0 Mpa, 6.3 Mpa

Line Size

The wafer and flange type cover line size
from DN15 to DN300
The insertion type covers DN300~DN1000
Process Connection : ANSI, JIS, DIN

Micro Vortex Flow Meter

VFM55



Special features

wet/dry measurement
DN8~DN25 small pipe measurements
combine temperature, pressure and flow
and standart flow measurement

Output Signal

Modbus RTU, pulse

Pressure Allowance

1.0 Mpa

Special features

liquid and gas measurement
DN8~DN25 small pipe measurements
combine temperature, pressure and flow
and standart flow measurement
IP67 and Explosion Proof (opt.)

Output Signal

Modbus RTU, Analog, 4..20mA,pulse

Pressure Allowance

1.0 Mpa

VFM52



Thermal Mass Flow Meter

for Gas, Compressed Air Measurement

TGF600 Thermal Mass Flow Meter



Special features

Direct mass flow or normal flow measurement
 For insertion type, no pressure loss
 Turn down ration 100:1 in 5 ranges
 Explosion proof optional
 Bluetooth communication for reading
 No mechanical wear part
 Self diagnosis function
 Max. Temperature until 450 C

Measurable Parameter

Mass Flow, Total Flow,
 Volume flow in normal condition

Output Signal

Modbus RTU, Analog, 4..20mA, HART

Pressure Allowance

1.6 Mpa, 2.5 Mpa, 4.0 Mpa, 6.3 Mpa

Line Size

NPT 1" insertion with ball valve
 Insertion for DN25~DN2500
 Inline for DN25~DN300

TGF460 Thermal Mass Flow Meter



Special features

Direct mass flow or normal flow measurement
 For insertion type, no pressure loss
 Turn down ration 100:1 in 5 ranges
 Low cost economical model
 Bluetooth communication for reading
 No mechanical wear part
 Self diagnosis function
 Max. Temperature until 150 C

Measurable Parameter

Mass flow, fotal flow,
 Volume flow in normal condition

Output Signal

Modbus RTU, Analog, 4..20mA, HART

Pressure Allowance

1.6 Mpa, 2.5 Mpa, 4.0 Mpa, 6.3 Mpa

Line Size

G 1/2" insertion with ball valve
 Insertion for DN25~DN300
 Inline for DN25~DN300

TGF260 Micro Thermal Mass Flow Meter



Special features

Direct mass flow, standart flow measurement
 6 digit dual line LED screen
 Bluetooth for operating on cellphone
 on-line diagnosis available
 Require only 3D upstream and 0 down stream straight pipe run

Output Signal

Modbus RTU, pulse

Pressure Allowance

1.6 Mpa

Pitot Tube Flow Meter

for Gas, Compressed Air Measurement

PTF520 Pitot Tube Flow Meter



Special features

- Use Comate self-developed industrial-grade differential pressure transmitter
- Cellphone APP for reading and setting
- Self diagnosis and remote diagnosis function
- Bi-directional flow measurement
- No need to set 0 point
- Wide measurement range, turn down ratio 1:17
- No mechanical wear part

Measurable Parameter

Measure flow rate, temperature, pressure, Differential pressure, and FAD measure available

Output Signal

Modbus RTU, Analog, 4..20mA, HART

Pressure Allowance

1.6 Mpa

Line Size

G 1/2" insertion with ball valve
Insertion for DN25~DN300

PTF600 Pitot Tube Flow Meter



Special features

- Cellphone APP for reading and setting
- Self diagnosis and remote diagnosis function
- Bi-directional flow measurement
- Super wide turn down of 33:1, best in market
- No mechanical wear part
- Special water proof design
- Heavy duty design

Measurable Parameter

Mass flow, total flow, temperature
Volume flow in normal condition

Output Signal

Modbus RTU, Analog, 4..20mA

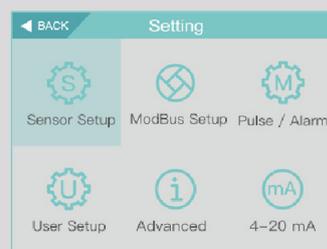
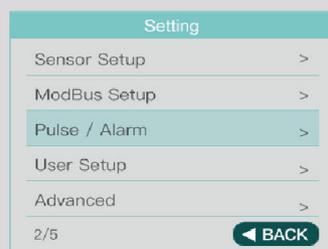
Pressure Allowance

Insertion type 1.6 Mpa
Inline type 4.0 Mpa

Line Size

G 1/2" insertion with ball valve
Insertion for DN25~DN400
Inline for DN25~DN300

Read and set on screen PTF520 pitot tube flow meter



setting interface

remote diagnosis



PTF520 has integral TFT 2" high resolution display with two capacitive key for setting

Dew Point Meter

for Gas and Compressed Air Measurement system

DP3 Dew Point Meter With Display



Special features

Bluetooth function, can read, set and remote diagnosis on Comate APP
 Alarm extension : the releasing of alarm will be delayed after measured polymer sensor with upgrade algorithm for quick response time
 DP3 with display : The industrial - grade 2-full color LED

DP3 with display

-80°Ctd~+20°Ctd, -60°Ctd~ +60°Ctd,
 -20°Ctd~+50°Ctd

DP2 Dew Point Meter



Special features

Bluetooth function, can read, set and remote diagnosis on Comate APP
 Alarm extension : the releasing of alarm will be delayed after measured polymer sensor with upgrade algorithm for quick response time

DP2

-80°Ctd~+20°Ctd, -20°Ctd~+50°Ctd

Pressure and Temperature Sensor



Special features

The intelligent sensor produced by our company is a multifunctional digital instruments, based on advance, mature and reliable silicon sensor technology, combined with advanced micro controller technology and sensor digital conversion

Pressure range
 0~4.0 Mpa

Special features

The PT series temperature sensor is contact type platinum resistant temperature with good electromagnetic compatibility and anti-interference performance

Temperature range
 -40~350°C

