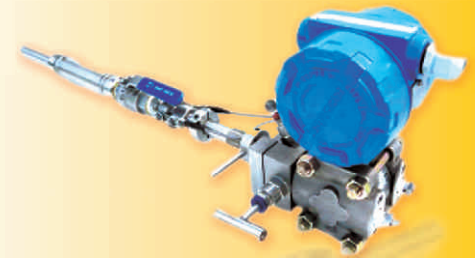


# FLOW METERS

## UQ Series Differential Pressure Flow Meter

### SUMMARY

UQ980 insertion type differential pressure flowmeter is a high-precision measurement instrument. The design of its probe the technology of differential pressure flowmeter in the latest reaserch results; The measurement accuracy, repeatability and reliability, structural strength of pressure, temperature and preservation, in the type and caliber to medium size, have increased to a new high.



### FEATURE

To measure gas, liquid, steam and various medium insertion type can install and dismantle without stopping flow low energy consumption no maintenance innovation design of sensor, unique structure, integrated design, high intension, for high temperature and high pressure use for industrial gas and other dirty media adapt to various size of circular or quadrate pipes opening small hole, straight pipe of request

### PRINCIPLE

Sense two pressures simultaneously, impact and static. The impact unit consists of a tube with one bent at right angles toward the flow direction. The static tube's end is closed, but a small slot is located in the side of the unit. The tubes can be mounted separately in a pipe or combined in a single casing. Pilot tubes are generally installed by welding a coupling on a pipe and inscrting the probe through the coupling. The pilot tube are low cost, abesnce of moving parts, easy installation, and minimum pressure drop.

## SPECIFICATION

DN	DN 50 to DN 2000
Medium	liquid, gas, steam
Pressure	< 2.5MPa (high pressure<20MPa)
Output signal	Electricity: 4-20mA DC
Communication interface	RS485, MODBUS, HART, GPRS
Environment	Temperature: -40- +50. Humidity: 5% - 90%
Accuracy	+0.5%, +1%
Repeatability	0.1%
Protect class	IP65
Explosion-proof	Exd II BT2-T5



## SPECIFICATION

Petrochemistry  
Metallurgy  
Electricity  
Municipal  
Paper  
Pharmaceutical  
Water treatment



For further details please contact:

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## OUR PRINCIPALS

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