UT-1430 / 1 / 2

AIR VELOCITY TRANSMITTER

UNITECH

CE

UT-1430

UT-1431

UT-1432

- **Signal :4-20 mA, 0-10/5 V DC with RS-485 Communication.**
- **On Site Re-Ranging & Programming Facility.**

FEATURE

- ✦ Quick And Easy Mounting "1/4 Turn" System With Wall-Mount Plate.
- ✦ Temperature Compensation, Linear Adjustment Function.
- ✦ Switching Analogue Output By Dip Switch.
- ✦ Offset Function By Button.
- ✦ 0-10 V Or 4-20 mA Output, Active, Power Supply 24 V AC/ 12 V DC (3-4 Wires).
- ✦ Ranges From 0-5 M/S To 0-40 M/S And 0 To +50°C, -20 To +80°C, -50 To +50°C.
- ✦ ABS IP 65 Housing, With Or Without Display.
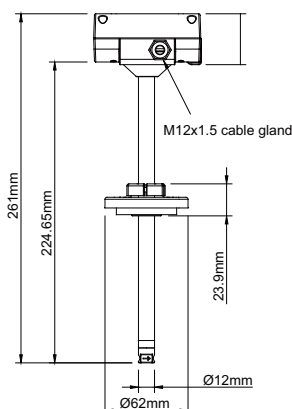- ✦ Programmable Software : Data Logger, Record, And Chart Analysis.

APPLICATION

- ✦ Air Volume & Fan Control.
- ✦ Air Conditioning (HVAC).
- ✦ Cost Effective Field Interface To PLC/DCS.
- ✦ Remote Monitoring.
- ✦ Data Acquisition, Analysis And Processing SCADA.
- ✦ Monitoring Air Flow For Industrial Process.

All content are subject to change without notice due to continuous improvements.
Doc. Ref. 0419-00235689.V4

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TECHNICAL SPECIFICATION

INPUT	Thermal Mass Flow Sensor
MEDIUM	Air And Non-Combustible Gas
RANGE	2 m/s , 10 m/s , 20 m/s , 40 m/s
POWER SUPPLY	10 ~ 35 V DC (2 Wires)
ACCURACY	Temp : +/- 0.25 *C And Humidity : +/- 1.7 %
TEMPERATURE RANGE	Compensated: -20 °C To 60 °C)
ELECTRICAL CONSUMPTION	<40 mA
SENSOR PROTECTION	Pc Fire Proof
OUTPUT SIGNAL	4~20 mA (2 Wires Or 4 Wire) Or 0 - 10 V DC.
COMMUNICATION OUTPUT	RS 485 Or Wireless (Rf).
ZERO AND SPAN ADJUST	Digital Button With Led Indication.
ELECTRICAL CONNECTION	2.5 Sqmm Cable Terminal
MOUNTING TYPE	Duct Mounted, Remote & Flange
ANGULAR DEPENDENCE.	>3 % Measuring Value (When The Angle <10 *)
CERTIFICATE	Ce, En 61326-1
PROTECTION CLASS	Ip65 / Flp / Clean Room (Ss)
ENCLOSURE SIZE	Duct & Wall :- 120 mm X 70 mm

Dimension

M12x1.5 cable gland

261mm
224.65mm
23.9mm
Ø12mm
Ø62mm

Analog Diagram

Vcc
OUT1
OUT2
GND

V mA

OUT1 Velocity

Power Supply

8 ... 35 VDC &
12 ... 30 VAC

4P Terminal