

FTS64/65

Air Velocity Transmitter - Against High Pressure Type



APPLICATIONS

Features

- Measuring range: 2 m/s ; 10 m/s; 20 m/s ; 40 m/s; 60 m/s
- Output: 4~20 mA / 0~10VDC.
- High stability and repeatability.
- Applicable for volume flow measuring.
- Metal connector, easy to install.
- Bearable pressure for probe : 10 bar.

Applications

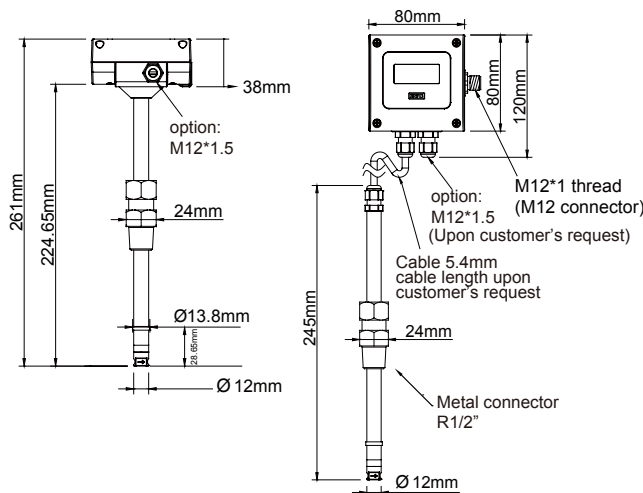
- Monitoring for industrial processing.
- Environmental monitoring for building / factor / clean room / Lab / weather station
- Measuring in hospital / pharmaceutical industry / textile industry.



FTS **64** - **40** **1** **1** - **N**

Installation	Range	Output	Power Supply	Option
64 : duct-mounting 65 : remote type	02 : 2 m/s 10 : 10 m/s 20 : 20 m/s 40 : 40 m/s 60 : 60 m/s	1 : 4~20mA 6 : 0-10V	1 : 8~35VDC / 12~30VAC	5 : 5-meter cable (FTS65) M : M12*1 thread (M12 connector) N : cable gland D : LCD display

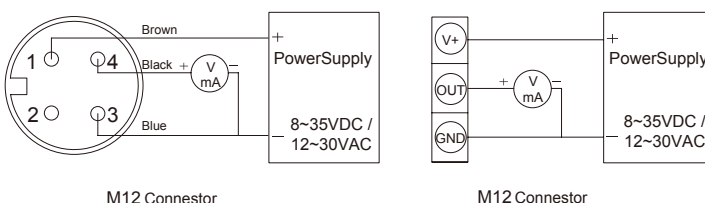
DIMENSION



FTS64

FTS65

CONNECTION DIAGRAM



M12 Connector

M12 Connector

TECHNICAL SHEET

INPUT

Measuring range 2 m/s ; 10 m/s; 20 m/s ; 40 m/s; 60 m/s

OUTPUT

Output..... 4~20 mA / 0~10 VDC ; 3-wire

Linear accuracy (at 25°C ; 45% ; 1013 mbar)

0~20m/s ±2% of F.S.

0~40m/s ±3% of F.S.

Uncertainty rate of factory calibration.....

..... 1% of m.v. (To use restrictive plate: 2% of m.v.)

Working range 6% ~ 100% of F.S.

Display type LCD Module with back light

Display range upon request, one decimal place

Height of character 5.56mm

Load resistance (current output)..... ≤ 500Ω

Load resistance (voltage output)..... ≥ 10KΩ

Response time..... reach 90% of ultimate value within 3 sec.

Angular dependence.....

..... < 3% of measuring value(when the angle <10°)

ENVIRONMENT

Media measured..... air

Media temperature 0~80°C

Working temperature 0~50°C

Working humidity non-cond.

Storage temperature -20~60°C

Bearable pressure for probe 10 bar

ELECTRICAL REGULATION

Power supply 8~35VDC / 12~30VAC

Current consumption max. 200 mA

Overvoltage protection < 33VDC

Electrical connection..... 3P connector / M12 connector

Way to fix..... 1/2 PT outside thread

Protection degree IP 65

Electrical protection ■ over-voltage ■ polarity

Certification..... CE

Housing PC fire-proof

Probe / Probe's head SUS304 / SUS316

Cable PTFE (FTS65)

Option SUS Fitting thread / SUS Flange type

Weight FTS64: 332g;396g(display) / FTS65: 371g;435g(display)