

Air Velocity Transmitter for Duct / Remote Type

APPLICATIONS

Features

- Measuring Range: 2 m/s ; 10 m/s; 20 m/s ; 40 m/s
- Output: 4~20 mA / 0~10VDC.
- High stability and repeatability.
- Smaller tolerance in setting angle.

Applications

- Monitoring for HVAC process
- Environmental control and clean room
- Laminar flow control



Equinox™

EQ - FTS34 / 35

| Installation | Range | Output | Power Supply | Option |
|----------------------------------------|---------------------------------------------------------|-------------------------|------------------------|----------------------------------------------------------------------------------------------|
| 34 : duct-mounting 35 : remote type | 02 : 2 m/s 10 : 10 m/s 20 : 20 m/s 40 : 40 m/s | 1 : 4~20mA 6 : 0-10V | 1 : 8~35VDC / 12~30VAC | 5 : 5-meter cable (FTS35) M : M12 connector N : Plastic cable gland D : LCD display |

TECHNICAL SHEET

INPUT

Measuring range 2 m/s ; 10 m/s; 20 m/s ; 40 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.)

Display Type LCD Module with back light

Display Range..... upon request, one decimal place

Height of Character 5.56mm

Load Resistance (current output).....

Load Resistance (voltage output).....

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.....0~60°C

Working Temperature.....0~60°C

Working Humidity non-cond.

Storage Temperature.....-20~60°C

ELECTRICAL REGULATION

Power supply..... 8~35VDC / 12~30VAC

Current consumption max. 200mA

Overvoltage protection < 33VDC

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

Installation duct / remote

Way to fix Flange

Protection degree IP 54

Electrical protection over-voltage ■ Polarity

Certification..... CE

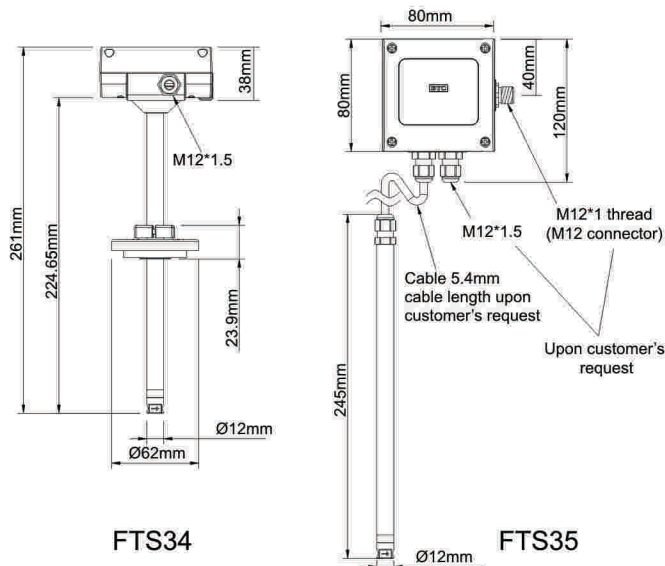
Housing / Probe PC fire-proof

Probe's head SUS

Cable PVC(FTS35)

Weight EQ - FTS34 : 147g / EQ - FTS35 : 200g

DIMENSION



CONNECTION DIAGRAM

