

## Air Velocity Transmitter - Against High Pressure Type



### Application

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

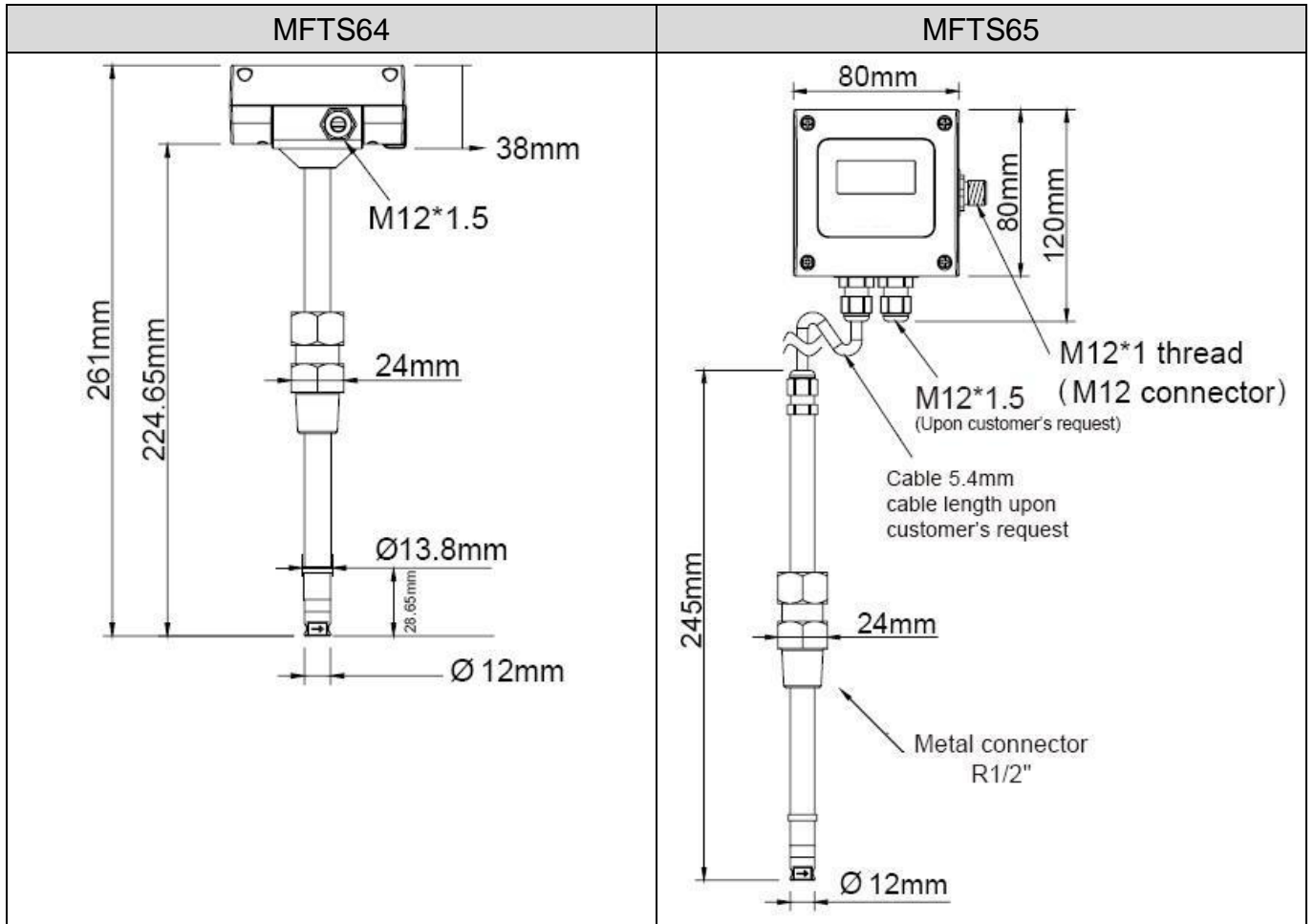
### Features

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

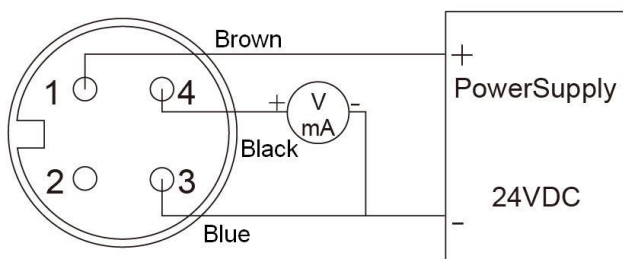
# Standard Specification

<b>INPUT</b>	
Measuring range	2 m/s ; 10 m/s ; 20 m/s ; 40 m/s ; 60 m/s
<b>OUTPUT</b>	
Output	4~20 mA / 0~10 VDC ; 3-wire
Linear accuracy (at 25°C ; 45% ; 1013 mbar)	± 3 % of F.S.+0.2m/s
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°)
<b>ENVIRONMENT</b>	
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
<b>ELECTRICAL REGULATION</b>	
Power supply	24VDC ± 10%
Current consumption	150 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 (MFTS65)
Option	SUS Fitting thread / SUS Flange type
Weight	MFTS64: 396g / MFTS65: 371g / display type : 396g

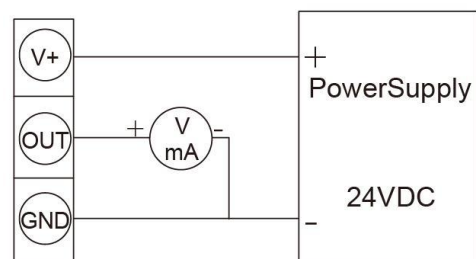
# External Dimension



# Diagram



M12 Connector  
4-20mA / 0-10V



M16 Connector  
4-20mA / 0-10V

# Order information

# MFTS **64** - **40** **1** **1** - **N**

**A            B            C            D            E**

(A) Installation	(B) Range	(C) Output	(D) Power Supply	(E) Option
64 : duct-mounting	02 : 2 m/s	1 : 4~20mA	1 : 24 VDC±15%	N : none
65 : remote type	10 : 10 m/s	6 : 0-10V		M : M12*1 thread (M12 connector)
	20 : 20 m/s			5 : 5-meter cable (MFTS15)
	40 : 40 m/s			D : LCD display
	60 : 60 m/s			

## Contact

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