

Air Velocity Transmitter for Duct / Remote Type



Application

1. HVAC air process control.
2. Clean rooms and environmental control.
3. Laminar control.

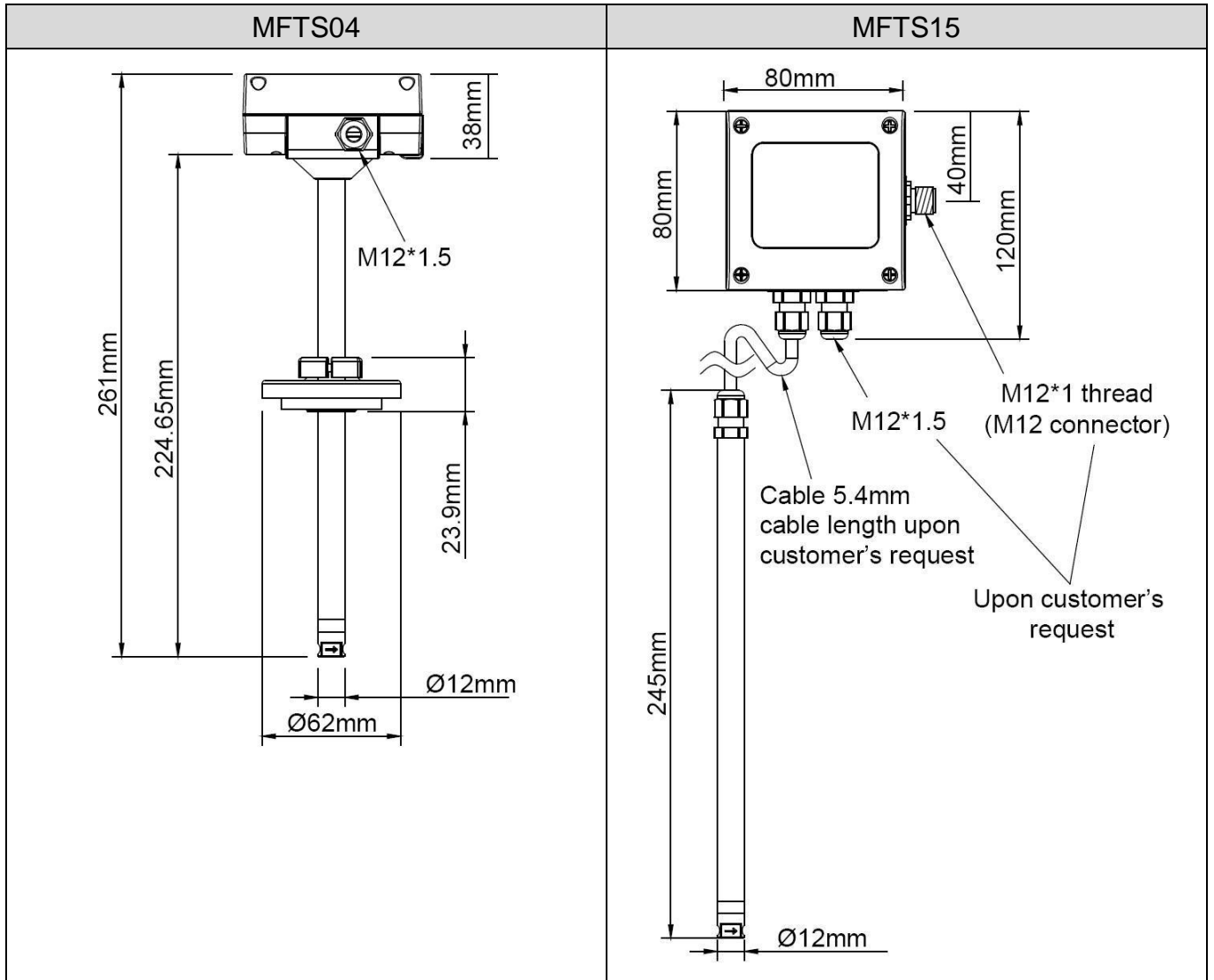
Features

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

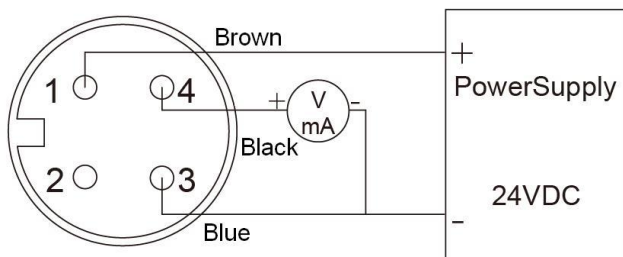
Standard Specification

INPUT	
Measuring range	2 m/s ; 10 m/s ; 20 m/s
OUTPUT	
Output	4~20 mA / 0~10 VDC ; 3-wire
Display type	LCD Module with back light
Display range	upon request, one decimal place
Height of character	5.56mm
Linear accuracy (at 25°C ; 45% ; 1013 mbar)	± 3 % of F.S.+0.2m/s
Working range	6% ~ 100% of F.S.
Load resistance (current output)	≤ 500Ω
Load resistance (voltage output)	≥ 10KΩ
Output calibration (ZERO & SPAN) adjustment range	10% for zero-point and full-range (for mA output)
Response time	reach 90% of ultimate value within 1 sec.
Angular dependence	< 3% of measuring value (when the angle <10°)
ENVIRONMENT	
Media measured	Air
Media temperature	0~50°C
Working temperature	0~50°C
Working humidity	non-cond.
Storage temperature	-20~60°C
ELECTRICAL REGULATION	
Power supply	24VDC ± 10%
Current consumption	150 mA
Overvoltage protection	<33VDC
Electrical connection	3P connector / M12 connector
INSTALLATION	
Installation	duct-mounting / remote type
Way to fix	Flange
Protection degree	IP 54
Electrical protection	over-voltage / polarity
Certification	CE
Housing	PC fire-proof
Probe	PC fire-proof
Probe's head	stainless Steel
Cable	PVC (MFTS15)
Weight	MFTS04: 147g / MFTS15: 200g

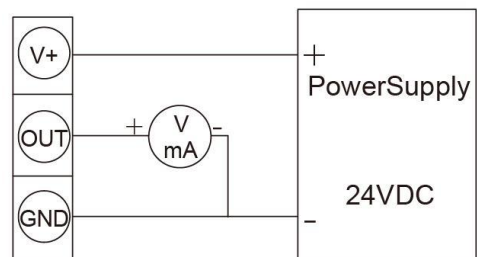
External Dimension



Diagram



M12 Connector
4-20mA / 0-10V



M16 Connector
4-20mA / 0-10V

Order information

MFTS **04** - **10** **1** **1** - **N**
A **B** **C** **D** **E**

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

Contact

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