



## FEATURES

- Good repeatability, good sensitivity and stability
- Wide rangeability
- Can be mains powered or battery powered
- Can be made into insert type, suitable for large diameter measurement, can be taken out continuously, easy to install and maintain

## APPLICATIONS

- Turbine flow meter is widely used in flow measurement and control in food, medicine, petrochemical and other production processes

## STANDARD PARAMETERS

Accuracy	±0.5% of reading
Rangeability	1:10 (Optional: 1:20)
Nominal diameter	½" to 8" (DN15-DN200)
Power supply	24VDC
Material	SS304, SS316
Medium temperature	-20...+120°C
Rated pressure	0.6-4.0Mpa (high pressure customizable)
Connection type	Thread connection (DN10-50mm) Tri-clamp connection (DN15-80mm) Flange type (DN10-200mm)
Flange standard	GB, ANSI, DIN, JIS
Protection level	IP65
Output communication	Pulse, 4-20mA, RS485 MODBUS , HART
Explosion proof	Ex d IIC T6 Gb (Optional)

## FLOW RANGE SHEET

Flow Range (m³/h)	
DN15	0.6-6
DN20	0.8-8
DN25	1-10
DN32	1.5-15
DN40	2-20
DN50	4-40
DN65	7-70
DN80	10-100
DN100	20-200
DN125	25-250
DN150	30-300
DN200	80-800

### ORDERING CODES

1. NOMINAL DIAMETER		XXX
XXX	Three digits, refer to Nominal Diameter Coding Table	

2. NOMINAL PRESSURE		1
1	0.6MPa	
2	1.0MPa	
3	4.0MPa	
4	Other	

3. CONNECTION		1
1	Flange	
2	Tri-clamp	
3	Hygienic	
4	Threaded	
5	Plug-in (Insertion)	

4. MEDIUM		1
1	Liquid	
2	General gas	
3	Saturated vapor (steam)	
4	Superheated steam	

5. OUTPUT		A
A	4-20mA	
B	RS485	
C	HART	

6. SPECIAL TAG		1
X	Field display	
G	High temperature 350°C	
W	Temperature compensation	
Y	Pressure compensation	
Z	Temperature and pressure compensation	

**Ordering Example:**  
**MT-F100TR-XXX-1-1-1-A-1**

### NOMINAL DIAMETER CODING TABLE

NOMINAL DIAMETER	CODE
15	015
20	020
25	025
32	032
40	040
50	050
65	065
80	080
100	110
125	112
150	115
200	120