



FEATURES

- Real mass flowmeter, no temperature and pressure compensation for gas flow measurement, convenient and accurate measurement. The mass flow or standard volume flow of the gas can be obtained.
- Wide rangeability

APPLICATIONS

- Oxygen, Nitrogen, Hydrogen, compressed air and other clean single phase gases

STANDARD PARAMETERS

Nominal diameter	¼" to 12" (DN8-DN300)
Accuracy	±0.5% ~ ±1% Reading
Power supply	24VDC / 220VAC dual power supply
Material	SS304, SS316
Medium temperature	-20...+250°C
Rated pressure	1.0-4.0 MPa
Connection type	Flange connection (DN25-200mm) Insertion type (DN65-1000mm; DN1200-3000mm)
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)	
DN25	10-100
DN32	17-170
DN40	27-270
DN50	36-360
DN65	72-720
DN80	108-1080
DN100	168-1680

Flow Range (m³/h)	
DN125	264-2640
DN150	378-3780
DN200	600-6000
DN350	2100-21000
DN450	3420-34200
DN600	6000-60000
DN800	10800-108000

ORDERING CODES

1. NOMINAL DIAMETER (mm)		XXX	5. POWER		A	
XXX	Three digits, refer to Nominal Diameter Coding Table				A	220VDC
			B	24VDC		
2. NOMINAL PRESSURE		1	6. INDICATOR FORMULA		F	
1	0.6MPa				Y	Integrated
2	1.0MPa				F	Split type
3	1.6MPa					
6	Other					
3. CONNECTION		1	7. EXPLOSION PROOF		A	
1	Flange				A	Non-explosion proof
2	Tri-clamp				B	Explosion proof (Exd IIBT6)
3	Insertion					
4. TEMPERATURE		2	8. OUTPUT		B	
1	150°C				A	4-20mA
2	250°C				B	RS485
3	350°C				C	HART

Ordering Example: MT-F100TM-XXX-1-1-2-A-F-A-B

NOMINAL DIAMETER CODING TABLE

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