



FEATURES

- High accuracy
- Sensitive response, good repeatability, short-term repeatability can reach 0.05%~0.2%. It is the preferred flow meter in trade settlement

APPLICATIONS

- Mostly used for metering control of natural gas
- It can also be used for biogas, liquefied petroleum gas, coal gas, nitrogen, hydrogen and other gases

STANDARD PARAMETERS

Accuracy	±1.5% of reading
Nominal diameter	1" to 8" (DN25-DN200)
Power supply	24VDC
Material	SS304, SS316
Medium temperature	-20...+80°C
Rated pressure	1.6Mpa
Connection type	Thread connection (DN25-50mm) Flange type (DN10-200mm)
Flange standard	GB, ANSI, DIN, JIS
Protection level	IP65
Output communication	Pulse, 4-20mA, RS485 MODBUS, HART
Oil injection pump	With/without
Explosion proof	Ex ia IIC T6 Ga (Optional)

FLOW RANGE SHEET

Flow Range (m³/h)	
DN25	4-40
DN40	10-100
DN50	16-160
DN65	25-250
DN80	40-400
DN100	65-650
DN125	100-1000
DN150	160-1600
DN200	250-2500

ORDERING CODES

1. NOMINAL DIAMETER (mm)		XXX	5. ACCURACY		10	
XXX	Three digits, refer to Nominal Diameter Coding Table				10	1%
			15	1.5%		
2. NOMINAL PRESSURE		1	6. MATERIAL			C
1	0.6MPa		C	Cast Aluminium		
2	1.0MPa		S	SS304		
3	1.6MPa		L	SS316		
4	2.5MPa					
5	4.0MPa					
6	Other					
3. CONNECTION		1	7. EXPLOSION PROOF			A
1	Flange		A	Non-explosion proof		
2	Tri-clamp		B	Explosion proof (Exd IIBT6)		
3	Hygienic					
4	Threaded					
4. METER TYPE		N	8. EXPLOSION PROOF			N
N	24V power supply, pulse output		N	Anti-corrosion ABS		
A	24V power supply, 4-20mA output		H	Aluminium alloy		
B	24V power supply, HART output					
C	24V power supply, 4-20mA output + On-site display					
C1	24V power supply, RS485 output + On-site display					
C2	24V power supply, HART output + On-site display					

Ordering Example:
MT-F110TR-XXX-1-1-N-10-C-A-N

NOMINAL DIAMETER CODING TABLE

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