

**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
- Insert type: Easy to install and maintain. Non-stop production installation and maintenance can be achieved where field conditions permit. (requires special customization)

**APPLICATIONS**

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

**TECHNICAL SPECIFICATION**

Nominal diameter	: DN25-200mm
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 (Nm <sup>3</sup> /h)	
DN25	10-100
DN32	17-170
DN40	27-270
DN50	36-360
DN65	72-720
DN80	108-1080
DN100	168-1680
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	Three digits, refer to Nominal Diameter Coding Table	XXX
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##### 2. NOMINAL PRESSURE

1	0.6MPa	1
2	1.0MPa	
3	1.6MPa	
4	Other	

##### 3. CONNECTION

1	Flange	1
2	Threaded	
3	Insertion	

##### 4. TEMPERATURE

1	150°C	1
2	250°C	
3	350°C	

##### 5. POWER

A	220VDC	A
B	24VDC	

##### 6. INDICATOR FORM

Y	Integrated	
F	Split type	F

##### 7. EXPLOSION PROOF

A	Non-explosion proof	
B	Explosion proof (Exd IIBT6)	B

##### 8. OUTPUT

A	4-20mA	A
B	RS485	
C	HART	

Ordering Example : FL110-XXX-1-1-1-A-F-B-A

#### 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