

FC-730-JM-G16/G25

Ultrasonic Gas Metering Module



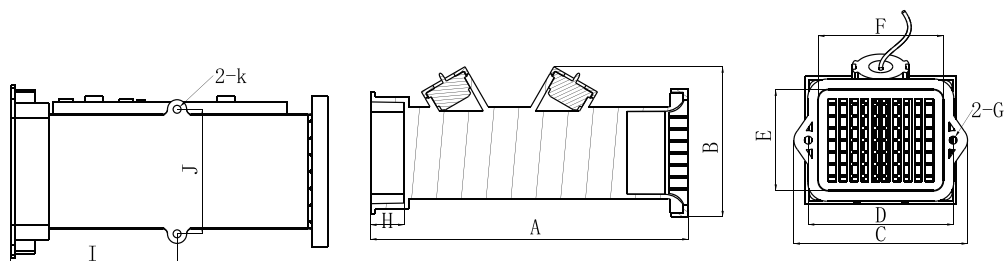
Highlights Of Ultrasonic Gas Metering Module

- Wide range ratio(G16-G25)
- Compact size with simple installation
- High accuracy (better than Class 1.5)
- High sensitivity
- Wide temperature range
- Integrated temperature and pressure sensor supporting temperature & pressure compensation
- Real-time alarm and self-diagnosis function

Key Advantages

- Reliable & Adaptive Measurement (supports up to 53% hydrogen blending)
- Pre-calibrated Modules for plug-and-play usability
- Smart flow monitoring for enhanced safety diagnostics

Dimensions



Dimensions(mm)										
A	B	C	D	E	F	G	H	I	J	K
133	63	70	60.5	42	52	Φ3.3	14	69.5	52	Φ3.3

Technical Specifications

Item	Parameter	
Model	G16M	G25M (Plus)
Q _{max} (m ³ /h)	25	40
Q _{min} (m ³ /h)	0.16	0.25 (0.16)
Q _t (m ³ /h)	2.5	4 (2.5)
Q _r (m ³ /h)	30	48
Q _s (dm ³ /h)	≤13	≤20 (≤13)
Measurement Level	Better than Class 1.5	
MPE	$q_{min} \leq q < q_t, MPE \leq 3\%$ $q_t \leq q \leq q_{max}, MPE \leq 1.5\%$	
Working Temperature	-25°C~55°C	
Temperature and Pressure Compensation	Support	
Working Power Supply	3.0V-3.6V external power supply	
Interface Mode	UART	

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