

GAS TURBINE FLOW METER

SIL



DESCRIPTION

The gas turbine flow meters are specially designed for use in natural gas, and other fluid measurement. And the volume and mass flow rate are available.

APPLICATIONS

- Natural gas transmission and distribution network
- Petrochemical industry
- Urban gas industry
- Electric power industry
- Gas skids
- LNG gas station

FEATURES

- Temperature & pressure compensation
- Digital absolute pressure transmitter
- Segment LCD, displays normally at -30°C
- Integrated movement
- Communication: Modbus RS485
- Simultaneous display flow rate, total flow volume, pressure and temperature

TECHNICAL DATA

Output	Pulse
	4-20mA
Accuracy	$\pm 1.0\%$ of Rate; $\pm 1.5\%$ of Rate
Ambient Temp.	- 20...+60°C
Fluid Temp.	- 20...+80°C
Body Material	SS304
	SS316
	Cast Steel (DN50- DN200)
Rotor Material	Aluminum Alloy
	Plastic ABS
Bearing Material	SS304
Protection	IP 65



D2-Compensation Type

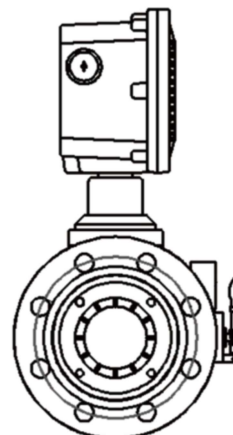
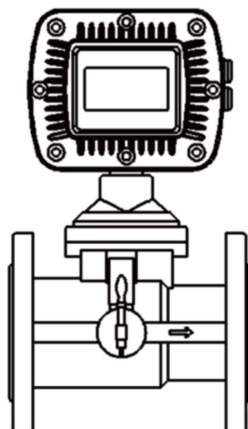


D4-Compensation Type



E-Non-Compensation Type

TECHNICAL DRAWINGS



MODEL SELECTION

Model	Suffix Code								Description
IFLO-LWQ	①	②	③	④	⑤	⑥	⑦	⑧	Gas Turbine Flow Meter
Diameter	XXX								Stand for diameter 020: DN20; 050: DN50 100: DN100; 400: DN400
Converter Type	E1								Battery power supply; No output; Ex; Digital display
	E2								24V DC; 2- wire 4-20mA/ Pulse output; Ex; Digital display
	E4								24V DC; 0-20mA/ Pulse output; Local display; Ex; Digital display
	D2								24V DC; 2/ 3 wires 4-20mA/ Pulse output; Digital display; Temperature & Pressure Compensation; RS 485
	D4								24V DC; 4-20mA/ Pulse output; Modbus RS485; Digital display Temperature & Pressure Compensation
	Notice:								1) Modbus RS485 is optional for E2, E4, D4, D2 2) Battery Power(24V DC + Battery) is optional for E2, E4, D2, D4 3) D4 converter only configures with cast structure 304 body sensor
Accuracy		10							±1.0% of rate
		15							±1.5% of rate
Flow Range			S						Standard Range: S;S1; S2 optional
Body Material					S4				SS304
					S6				SS316
					CS				Cast structure 304 for D4 only
Rotor Material						AB			ABS Plastic
						AA			Aluminum Alloy
Explosion Proof							BT		Exd II BT6 Gb
							NA		None
Connection							THM		Male Thread; Available from DN25...DN50
							THF		Female Thread; Available from DN25...DN50
							DXX		DN16: DIN PN16 Flange; D25: DIN PN25 Flange...
							AXX		A15: ANSI 150# Flange; A30: ANSI 300# Flange...
							JXX		J10: JIS 10K Flange; J20: JIS 20K Flange...

FLOW RANGE

Diameter (mm/inch)	Code	Flow Range (m ³ /h)	Max Pressure loss (kPa)	Connection
25(1")	S	4-40	1.5	Flange/ Thread
40(1.5")	S	6-65	1.5	
50(2")	S	7-70	0.5	
	S1	10-100	1.0	
	S2	16-160	1.0	
65(2.5")	S	15-200	1.0	Flange
	S1	13-250	1.0	
80(3")	S	13-250	1.0	
	S1	20-400	2.5	
100(4")	S	20-400	1.0	
	S1	32-650	1.5	
125(5")	S	40-800	1.3	
150(6")	S	50-1000	1.0	
	S1	80-1600	2.0	
200(8")	S	80-1600	0.5	
	S1	130-2500	1.0	
250(10")	S	130-2500	0.5	
	S1	200-4000	1.5	
300(12")	S	320-6500	1.0	
350(14")	S	400-8000	1.5	
400(16")	S	650-13000	2.0	

Note: 1. The maximum pressure loss is the pressure loss value when the flowmeter is working at the maximum flow point, the medium is air, and the normal temperature state.



Valvelink Co., Ltd. (VIETNAM)

Address: 399 Nguyen Thi Kieu Street, Tan Thoi Hiep
Ward, Ho Chi Minh City, Vietnam
Hotline: +84 933 603 406
WhatsApp: +84 979128773
Email: contact@valvelink.vn / tech@valvelink.vn
Website: valvelink.vn

Valvelink Europe Ent (EUROPE)

Address: Via Roma 108, Cassina de Pecchi, 20060,
Milan, Italy
Hotline: +90-2123818702
WhatsApp: +84 979128773 / +84 933 603 406
Email: sales@valvelink.eu
Website: valvelink.eu

Website



WhatsApp



Valvelink Sdn Bhd (ASEAN)

Address: 1-20-02, M-City Ampang, Jalan Ampang, 57450 Kuala
Lumpur, Malaysia
Hotline: +60-173700361
WhatsApp: +84 979128773 / +84 933 603 406
Email: sales@valvelink.asia
Website: valvelink.asia

Boon (tianjin) Environment Technology Industry Co.,ltd. (CHINA)

Address: Unit B, 1F, Building A, No. 5 Ziyang Road, Nankai District,
Tianjin, China
Hotline: +84 979128773
WhatsApp: +84 933 603 406
Email: sales@valvelink.asia
Website: valvelink.com.cn