

## WG4S (Steel) Wide-range diaphragm gas meter

### General



WG4S series diaphragm gas meter are volumetric diaphragm gas meters(hereinafter referred as "gas meters", which are mainly used in measuring the volume of natural gas, city pipe gas, liquid gas, marsh gas and other gas with working pressure of 5mbar~0.5bar. The gas meter has the following characteristics: elegant appearance, wide measuring range, stable metrology, high sensitivity, good reliability, long operation life, anti-tampering ability and good corrosion resistance.

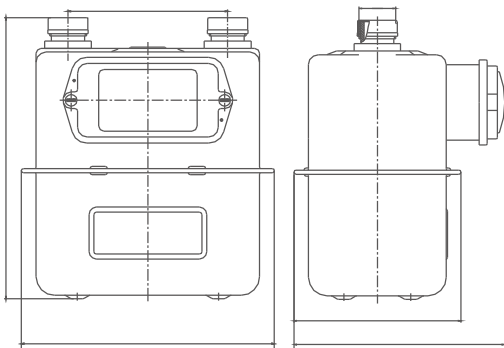
The gas meter meets the requirements of standards GB/T6968-2011 "Diaphragm gas meter", JJG 577 "Diaphragm gas meter".

### Main function and Characteristic

- Initial flow rate is less than 3dm<sup>3</sup>/h;
- Wide measuring range: accurate measurement within 0.016~6m<sup>3</sup>/h;
- The total pressure loss is less than 160Pa under Max. flow rate 6m<sup>3</sup>/h;
- The anti-reverse devise with national patent can be added according to customer's need;
- Operating temperature range: -20 °C ~ +50°C.

### Appearance and installation size

A	90±0.50	110±0.50	130±0.50		
B	M26×1.5-6g	M30×2-6g	G¾B	G1B	G1¼B
C		228			226



### Main technical parameters

Main index	Specification & type	WG4S
Max. flow-rate (q <sub>max</sub> )	m <sup>3</sup> /h	6
Min. flowrate (q <sub>min</sub> )	m <sup>3</sup> /h	0.016
Operating pressure range	kPa	0.5~50
Max. permissible error	q <sub>t</sub> ≤ q ≤ q <sub>max</sub>	±1.5%
	q <sub>min</sub> ≤ q < q <sub>t</sub>	±3%
Total pressure loss	Pa	≤200
Max. reading	m <sup>3</sup>	99999.999
Min. reading	m <sup>3</sup>	0.0002
Cyclic volume	dm <sup>3</sup>	1.2
Accuracy class		1.5 Class
Weight	kg	2

Standard GB/T6968-2011, JJG577-2012