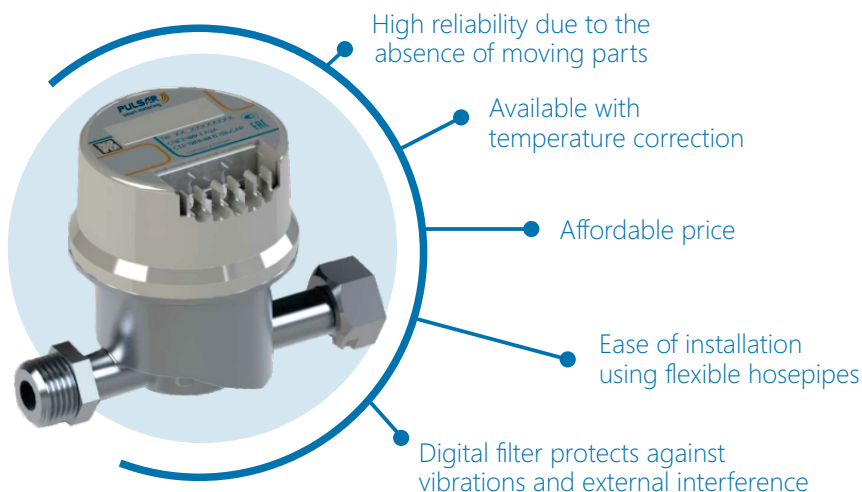


# Oscillation gas meters «Pulsar»

They are designed to measure the volume of natural gas, liquefied gas vapors, and other non-aggressive gases. The principle of operation is based on the dependence of oscillation frequency to measure gas flow rate. The oscillations of the flow are converted by a piezoelectric element into an electric pulse proportional to the volume of gas. This signal is then converted in the electronic unit into the value of the gas volume and recorded as total.

Available according to EN 1359.



## Interfaces

- Pulse output (Optional)

## Standard size

- G1,6 – G4

### Technical data

Nominal DN	15,20	15,20	15,20,25	20,25	20,25
Standard size	G1,5; G1,6T	G2,5; G2,5T	G3,2; G3,2T	G4; G4T	G6; G6T
Minimum flow rate, $q_i$ , m <sup>3</sup> /h	0,038	0,038	0,040	0,060	0,060
Maximum flow rate, $q_s$ , m <sup>3</sup> /h	1,6	2,5	3,2	4,0	6,0
Fitting thread, inch/flange size	1/2", 3/4"	1/2", 3/4"	1/2", 3/4", 1"	3/4", 1"	3/4", 1"
<b>Limits of permissible relative error in measuring gas volume under operating conditions or reduced to normal conditions according to GOST 2939-63 for temperature, %, in the range of volumetric flow rat</b>					
$Q_{min} \leq Q < 0,2 \cdot Q_{max}$	±2,5				
$0,2 \cdot Q_{max} \leq Q \leq Q_{max}$	±1,0 or ±1,5				
Maximum operating excess gas pressure, $P_{max}$ , kPa	5				
Loss of gas pressure at $Q_{max}$ , kPa, no more	1,5				
Ambient and working temperature, °C	-10 ... + 50				
Interverification interval, years	6				
Battery life, years, not less	6				
Average service life, year	12				

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