



Gas Meter G16

Product Code: J064

The ACD diaphragm meters are used for applications requiring high precision and large rangeability at low pressure (below 1 bar gauge). They are supplied in two versions - a compact and a standard version (single and two pipe). Due to the volumetric principle of the diaphragm meters, its metrology is not influenced by installation conditions. They are designed for use with natural gas, manufactured gas and other non-corrosive gases.

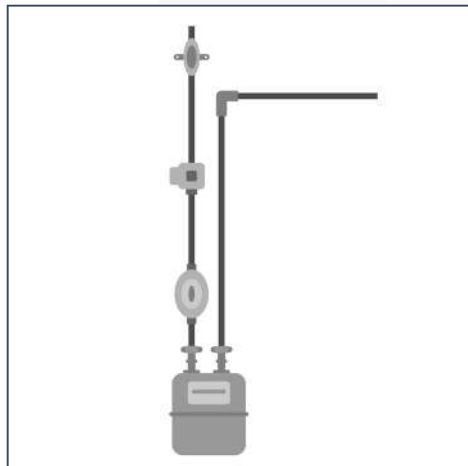
The ACD diaphragm meters are approved for fiscal use.



Applications

The ACD G10-G16 meters contain 4 main parts

- > 1. A measuring unit with
 - 4 measuring chambers
 - 2 sliding valves
 - and one outlet pipe
- > 2. A steel casing fitted with one or two connections
- > 3. A magnetic coupling or stuffing box which transmits the movement of the measuring unit to the totaliser
- > 4. A totaliser which registers the measured gas



Technical Specifications

Gas Type	Natural Gas, air, propane, butane, nitrogen and all non-corrosive gases
Cyclic Volume	118 x 126 x 58 mm
Temperature range	Ambient: -25°C to +55°C Gas: -25°C to +40°C (-10°C to +40°C for G1.6) Storage: -40°C to +70°C
Maximum Operating Pressure	0.5 bar (0.1 bar HTL) for steel version 1.5 bar for aluminium version (HP)
Measuring Range	G1.6 Qmin 0.016 m3/h Qmax 2.5 m3/h G2.5 Qmin 0.025 m3/h Qmax 4 m3/h G4 Qmin 0.04 m3/h Qmax 6 m3/h G6 Qmin 0.06 m3/h Qmax 10 m3/h
Pulse Generator	Standard 0.1 m3 / pulse Optional 0.01 m3 / pulse
Pulse Transmitter	Retrofitable LF-system, 24 Vdc max – 50 mA max. standard 0.1 m3/pulse, Different versions: with 1m cable, binder plug or connecting block
Casing Material	Steel or aluminium
Connections Threads	ISO 228-1 standards: G 1" A; G 1" 1/4 A; G 1" 3/4" A; GM 1"; GM 3/4"; Others on request
Colour	RAL 7035 for steel RAL 9010 for aluminium

Size:

Packaging: