

GAS METERS

G1.6 G2.5 G4

- Manufactured in compliance with the OIML and EN 1359 recommendations;
- Diaphragms with synthetic cloth;
- Electrostatic spray paint with epoxy-polyester powder;
- Pulse transmitter/ reed (optional);
- Magnetic or mechanical coupling;



TECHNICAL CHARACTERISTICS

• Type GN (magnetic coupling)	GN G1.6	GN G2.5	GN G4
• Type GNM (mechanic coupling)	GNM G1.6	GNM G1.6	GNM G4
• Accuracy class:	1.5	1.5	1.5
• Minimum flow, Q_{min} [dm ³ /h]:	16	25	40
• Transition flow, Q_{max} [m ³ /h]:	0.25	0.40	0.60
• Maximum flow, Q_t [m ³ /h]:	2.5	4	6
• Overload flow, Q_r [dm ³]:	3	4.8	7.2
• Cyclic volume [dm ³]:	1.2	1.2	1.2
• Maximum pressure [bar]:	0.5	0.5	0.5
• Maximum pressure absorption A_{pmax} [mbar]:	2	2	2

- Counter type: mechanic 8 digit rollers
- Maximum reading [m³]: 99999.999
- Minimum reading [dm³]: 0.2
- Temperature range [°C]:
 - 20...+50 FOR G2.5; GN G4; GNM G2.5;
GNMG4 EEC certification
 - 10...+40°C for GN G2.5; GN G4
MID certification
 - 25...+55°C for GNM G1.6; GNM 2.5; GNM G4
MID certification
- Auxiliary equipments: optional pulse generator (type REED):
0.002 m³/ imp or 0.01 m³/imp
- Mechanical environments class: M2
- Electromagnetic environment class: E1



OTHER CHARACTERISTICS ON DEMAND

Width between centres [A]: 152,4

Pipe union threads [DN]: pipe thread 3/4" , 1" or 1/4" (BS 746) and 3/4" NPT

OVERALL DIMENSIONS AND ASSEMBLY SPECIFICATIONS

A	B	C	D	E	DN
110	223	75	217	172	G1 1/4" (ISO 228)
160	228	75	243	172	G1" (ISO 228)
110	223	75	243	172	G1 1/4" (ISO 228)
110	220	70	200	162	G1 1/4" (ISO 228) 20, MFIT001

