

PhN class G.10 • PhN10 class G.16 • PhN20 class G.25

Diaphragm GAS Meter

According to the following regulations:
EN 1359, OIML R6/89; R31/95,
MID (2004/22/CE) - PED (97/23/CE)
Suitable for methane – LPG and other kinds of gases .
Body casing: Deep-drawn sheet steel
Low noise
L.F. Pulse Generator
Remote reading ready
Antifraud system
Available with variuos inlet/outlet plugs (mm)
PhN G.10: 250 - 280
PhN10 G.16: 250 - 280
PhN20 G.25: 335
High measuring accuracy also at the low flow rate
Casing protected with epoxy varnish RAL 7000
Minimum pressure loss



▼ Regulations

All sheet steel meters are built in accordance with EN 1359 Standard and approved for working until 0,5 bar.

Italian Model Approval: C.M. 15.09.1975, n° 275
EEC Model Approval n. I 01 02.01.016

Manufactured in accordance with OIML Standard, section R6/89; R31/95 and in accordance with Directive MID.

Meters comply with Italian Law on security (1083/71), and they have other U.C.M. approvals (Ministry of Productive Activities)

▼ Features

The High-Temperature-proof version complies with EN1359 for pressure up to 0,1 bar.

Body casing made with deep-drawn sheet steel
Synthetic diaphragm (for wide range of temperature);

High measuring stability

Low noise and low pressure loss;

Equipped with magnet (LF Pulse generator – reed contact can be added in any time for remote control).

Sacofgas Meters Series G is available in several sizes and typology (meter casing made with high temperature-proof sheet).

Meters are available in several base connections.

The device meters the used gas volume with drums system (with antifraud protection).

▼ Functioning

Computerising measuring and calibration system of internal Metrological Laboratory (approved by U.C.M. of Ministry of Productive Activity with prot. N. 360350 of 7.02.1992) guarantees high production of meters

Sacofgas diaphragm meters may be used also for natural gas, manufactured gas, LPG, technical gas.

High quality internal plastic and metal components, internal and external wrapper protection with epoxy varnish, guarantee the meters long life span.

Our internal patented measuring system assures high measuring sensibility with minimum gas flow.



▼ Headquarters and Sales offices:

Via Ascanio Sforza, 85
20141 Milano - (Italy)
Tel. +39 02 8435441 - 8435442
Fax +39 02 89511482

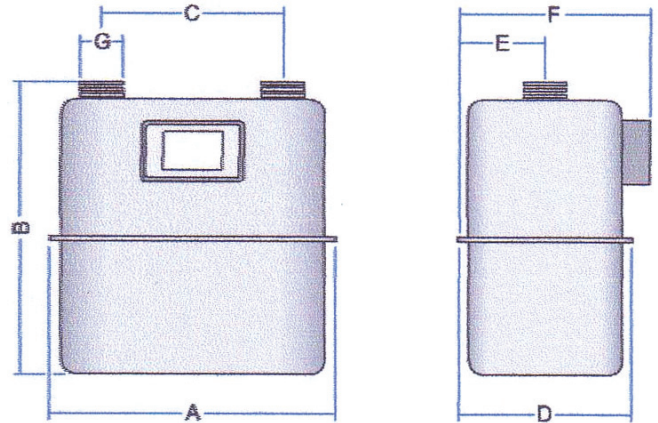
▼ Plant:

Località Garavelle - Fraz. S. Lucia
06012 Città di Castello
Perugia (Italy)
Tel. +39 075 8526070 - 8526066
Fax. +39 075 8526079

PhN class **G.10**

PhN10 class **G.16** · **PhN20** class **G.25**

Diaphragm GAS Meter



technical data

TECHNICAL FEATURES

	PhN	PhN10	PhN20
Class EEC	G.10	G.16	G.25
Identification Code	450010	150030	250020
Working Temperature (°C)	-20 / +60		
Max pressure (mbar)	200 (500*)	200 (500*)	500
Weight (Kg)	13,5	13,5	23
Cyclic Volume (dm ³)	10	10	20
Qmin (m ³ /h)	0,100	0,160	0,250
Qmax (m ³ /h)	16	25	40

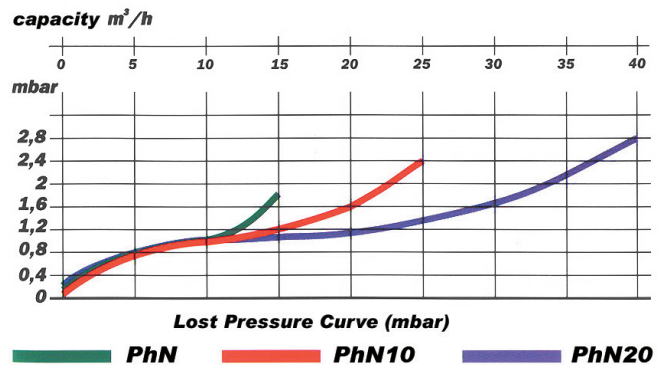
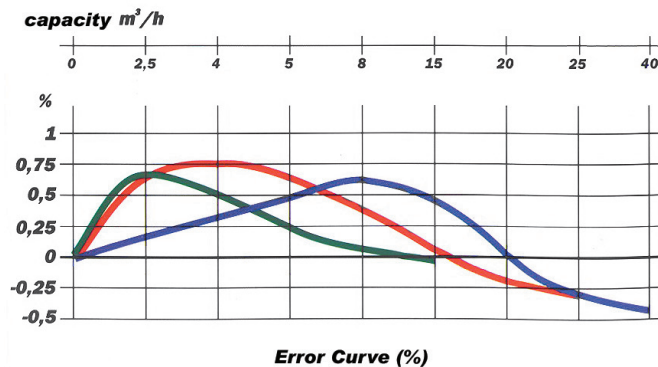
* Special versions

DIMENSIONS

	PhN	PhN10	PhN20
A	446	446	530
B	461	461	540
C	280	280	335
D	275	275	328
E	135	135	165
F	301	301	350
G	2" / DN50	2" / DN50	2 1/2" / DN50
H			

Additional device on request

- Reed contact Pulse generator (LF) with possibility of inserting probe
- P.T. - detecting temperature probe
- Absolutely Encoder (for AMR - Automatic Remote Reading)
- Magnetic Coupling transmission to the meter index



www.grupposacofgas.it - info@grupposacofgas.it