

LPN/S80AT • LPN/S80AL class G.2,5 / G.4

Diaphragm GAS Meter

According to the following regulations:

71/316/CEE - 71/318/CEE - UNI CIG 7987-7988 - UNI EN 1359:2006 - OIML R6/89; R31/95 - (Enichem 94034/94) - MID (2004/22/CE) - PED (97/23/CE)

Suitable for methane - LPG and other non corrosive gases.

Case work materials: aluminium, carbon steel

Low noise

L.F. Pulse Generator

Remote reading ready

Available in several inlet/outlet connection distances (mm)

LPN/S80AT: 110 - 152,4 - 160 - 250

LPN/S80AL: 110

High measuring accuracy also at the low flow rate.

Casing protected with epoxypolyester coating RAL 9002.

Minimum pressure loss.



▼ Regulations

All meters are built in accordance with EN 1359 Standard and approved for working up to 0,5 bar (LPN AT) the maximum pressure, and 2 bar (LPN AL).

EEC Model Approval n. I 05.02.01.041

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

Meters comply with Italian Law on security (1083/71), U.C.M. approvals (Ministry of Productive Activities) and also ENICHEM Approval Document n. 94034/94 (dry or wet gas).

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

▼ Features

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 any time for remote control).

Meters are available in several threads typologies and diameters.

Drum index counter type.

▼ Functioning

Electronic 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 quality and throughput.

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

Internal and external protection by epoxypolyester coating for a long resistance to corrosion.

Our internal patented measuring system assures high measuring sensibility even at the lowest gas flow.



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▼ Plant:

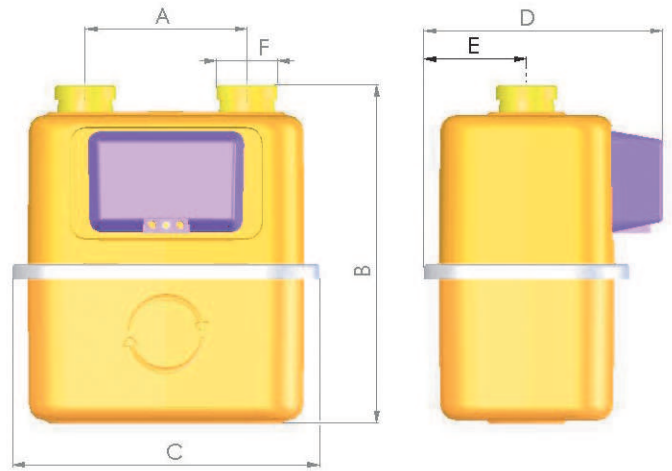
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**LPN/S80AT
LPN/S80AL**

class G.2,5 / G.4

Diaphragm GAS Meter

technical data



TECHNICAL FEATURES

	LPN/S80AL		LPN/S80AT	
	G.2,5	G.4	G.2,5	G.4
Class EEC	G.2,5	G.4	G.2,5	G.4
Identification Code	720030	720020	700010	700000
Working temperature (°C)	-10 / +40		-10 / +40	
Max pressure (mbar)	2000		500	
Weight (Kg)	2,6		2,2	
Cyclic Volume (dm ³)	1,2		1,2	
Qmin (m ³ /h) x GPL	0,006	0,010	0,006	0,010
Qmin (m ³ /h)	0,025	0,040	0,025	0,040
Qmax (m ³ /h)	4	6	4	6

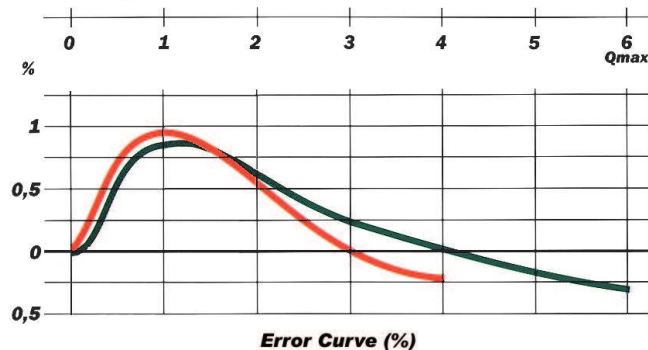
DIMENSIONS

Materiale	A	B	C	D	E	F	Peso
	mm	mm	mm	mm	mm		kg
Steel	110	226,5	210	165	70	1" 1/4	2,2
Steel	110	233	210	165	70	DN20	2,2
Steel	152,4	246	241	167	71	1"	2,5
Steel	160	240	241	167	71	7/8"	2,5
Steel	250	230	327	171	73	1" 1/4	2,7
Aluminum	110	227	200	170	75	1" 1/4	2,6

Additional devices (on request)

- Reed contact pulse generator (LF) 1 imp = 10 dm³ with wired or wireless (transmission protocol ZIGBEE®)

Flow rate m³/h



Flow rate m³/h

