ACADI - COMPRESSED AIR MASS FLOW METER

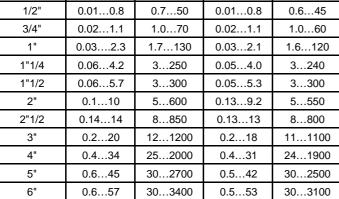
Innovative, compact device measuring flowrate in compressed air or nitrogen by to the heat dispersion principle. The cooling effect, due to fluid streaming, is directly proportional to the mass of fluid flowing.

ACADI rums with 4-digit LED display on board. It no requires calibration as just calibrated and set up in laboratory. Assembled with appropriate small tips probe for each specific pipe diameter from 1/2 " to 6" size.

Simple and quick installation: 15 minutes max only, are sufficient to drill 2 holes 4.75 mm. (3/16-inch) and to allow the insertion of probes into the pipe and coupling of the block - meter around the tube.

Among the accessories provided: driving and drilling screws with hexagon recessed. No cutting or thread of the tube and / or welding to be carried out. No moving parts, no maintenance.

Diameter steel pipe SCH.40	Calibration scale			
	@20°C		DIN 1343	
	Nm3/min	Nm3/h	Nm3/min	Nm3/h
1/2"	0.010.8	0.750	0.010.8	0.645
3/4"	0.021.1	1.070	0.021.1	1.060
1"	0.032.3	1.7130	0.032.1	1.6120
1"1/4	0.064.2	3250	0.054.0	3240
1"1/2	0.065.7	3300	0.055.3	3300
2"	0.110	5600	0.139.2	5550
2"1/2	0.1414	8850	0.1313	8800
3"	0.220	121200	0.218	111100
4"	0.434	252000	0.431	241900
5"	0.645	302700	0.542	302500
6"	0.657	303400	0.553	303100





ACADI 1/2 "... 2" - double ring



Versions for copper and aluminum pipes

For special calibrations, contact SATEMA

TECHNICAL SPECIFICATIONS

Nmc/1', Nmc/h at 20°C - Nmc/1' and Nmc/h DIN 1343 - scfm Flowrate:

Pressure: 14 bar max

+/- 3% with straight sections, 12D upstream and 5D downstream Accuracy:

> +/- 5% +1% f.s. without straight sections improved for reduced predetermined range

Temperature: 4...50°C

Output: mA and pulse. RS485 optional, resistance 400 Ohm max

Power supply: 18...24 Vdc, 250 mA

OPTIONS:



Sealing rings for removal meter



compressor

Sonic nozzle for verification Remote totalization display flow meters and







SATEMA 13856 VIGLIANO B.SE - Via Milano, 395

Tel. +39 015811102 - Fax 0158853029

Mail: info@satema.it http://www.satema.it