

MPTQ - AIR GAS TURBINE FLOW METER

The MPTQ turbine flowmeter is suitable for different types of gas: natural gas, methane, town gas, inert gases, oxygen, compressed air, etc.

- Low capacity of start
- High stability measurement
- Easy maintenance
- High level of operational
- Gas temperature -10...+60°C - ambient temperature -20...+70°C
- Stretch straight entrance: 2D



DESCRIPTIONS

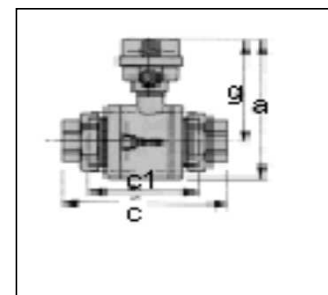
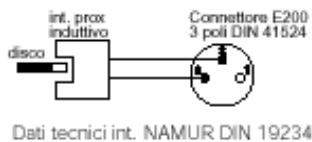
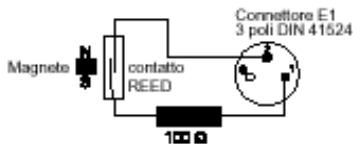
The reduction of the passage section of the flow of inlet gas, through a shell aerodynamic profile, favors a rise speed of the flow that invests a rotor with helical vanes. The speed of rotation of the impeller is proportional to the volume of gas escaped, in order to know which will be sufficient to detect the number of revolutions of the impeller shaft, supported by suitable bearings, by means of an electronic converter that in addition to the aggregation of the volume, can provide an analog output and / or impulsive. MPTQ, within a wide range, allowing a precision of measurement independent of the physical characteristics of the gas such as density, pressure and temperature.



TECHNICAL SPECIFICATIONS

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MPTQ Model	10	16	25	40	40GFI	65	100	160	250	400	400	650
NP	16					16						
Flow mc/h - 160% overload capacity	1,6-16	2-25	2,5-40	3,3-65	5-65	6-100	10-160	16-250	20-400	32-650	32-650	50-1000
Accuracy Qmin - 0,2 Qmax	< 1% (3% v. MW)											
Accuracy Qmax - Qmax	0,2	< 1% (1,5% v. MW)										
Construction material	Aluminum (S.S. 304 on request)											
Nominal diameter ND mm	25		40		50	80		100		150		
inch	1"		1"1/2		2"	3"		4"		6"		
dimensions mm. A	132		185		185	225		260		300		
C	240		190		60	120		150		180		
C1	185		125									
G	90		135		135	150		160		190		
Weight kg	1		1,7		1,3	5,3		6,8		10,8		
Pulse/mc Value REED contact BF type E1	10					1						
Pulse/mc Value Inductive Prox MF type E200	5000		250		187,5							

Display: LCD 6 digits
 Rangeability: 1:20
 Output: Reed 24V - 50 mA - 100 Ohm or Namur inductive proximity 8Vdc



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OPTIONALS

Optionals

EVC230

Electronic Volume Corrector



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