

## MPQ - TURBINE GAS METER

Compact turbine meters, non-tax, for gas. Offers, at reasonable cost, the highest industry standard of quality. Requires no lubrication and maintenance. Flow rates from 5 to 16000 m<sup>3</sup> / h; pressures from PN16 to ANSI 600, nominal diameters from DN50 to DN600. Standard equipped with pulse generator low frequency max 0.5 Hz generated by a reed switch type IN-S10 with a 6-wire cable 2.5 meters, are used to transmit a count in volume mc. to an external reading device, such as e.g. a volume corrector. For the remote reading of the instantaneous flow, optionally is provided a pulse generator at high frequency, 2500 Hz, positioned on the side edge of the housing with the possibility of rotation. The meter can be used in hazardous areas up to Zone 1. Approvazioni DVGW.



Installation: in pipes up to DN150 in any position; horizontally from DN200 and over, respecting the flow direction indicated by the arrow on the body.

**Media:**

methane, natural gas, city gas, oxygen (versions up to 10 bar), non-aggressive gases, other gases on request.

**Applications:**

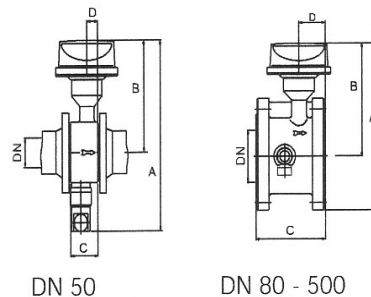
- Gas industry, chemical, food, power stations, energy, petrochemical

### TECHNICAL SPECIFICATIONS

MPQ Model	65	100/160/250	250/400	400/650/1000	1000/1600	1600/2500	fino a 16000
Range mc/h:	6...100	10...160	20...400	32...650	80...1600	130...2500	on request
Flow accuracy:	< 3% m.v. (Qmin - 0.2 Qmax), <1.5% mv.. (0.2 Qmax - Qmin)						
Gas temperature:	-20...+60°C						
Environment temperature:	-20...+70°C						
Material:	PN10, PN16, ANSI150						
	ductile iron GGG-40			forged steel	steel casting		
	ANSI 300, ANSI 600						
Diameter	mm.:	50	80	100	150	200	250
	pollici ANSI:	2"	3"	4"	6"	8"	10"
Dimensions:	A mm	324	305	320	395	445	on request
	B mm	188	205	215	250	275	
	ANSI300/600 C mm:	60	120/240	150/300	180/450	200** /300	
	D mm:	24	50	57	76	87	
Weight PN10 kg:	4	11	15	30	42		
Assembly:	Q65 between two flanges, Q100-Q16000 flanged connection						
Output pulse value pulse/mc	Reed low frequ. LF	10	1	1	1	0.1	0.1
	Proxy High freq. HF	28500	10500	6600	2500	1750	850

\*\* ANSI150, PN10/16

Options: BF Generator IN-S11 e IN-S12 (see connections)



**SATEMA**

13856 VIGLIANO B.SE - Via Milano, 395

Tel. +39 015811102 - Fax 0158853029

Mail: [info@satema.it](mailto:info@satema.it) <http://www.satema.it>

**GENERATORE BASSA FREQUENZA**

**IN-S10**

**colore fili**

**1. E1: bianco - marrone**

**2. E1: verde - giallo**

**PCM: grigio - rosa**

**Low  
frequency  
generator**

wires colors

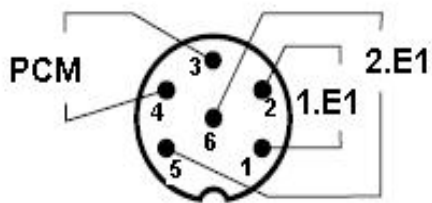
1.E1:  
white brown

2.E2:  
green yellow

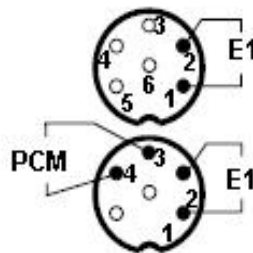
PCM:  
grey  
pink

**IN-S11**

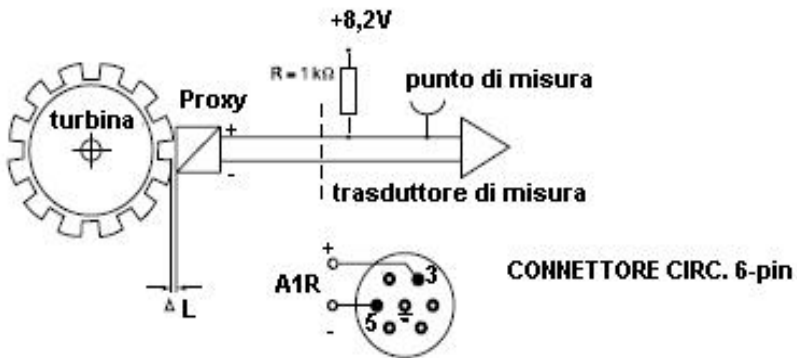
PG9 DIN 45322



**IN-S12**



**GENERATORE ALTA FREQUENZA**



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Tel. +39 015811102 - Fax 0158853029

Mail: [info@satema.it](mailto:info@satema.it) <http://www.satema.it>