ROTATING PISTON GAS METER

Model RABO®

Product informations

RABO®, the rotary piston meter suitable for measuring natural gas and various filtered, not corrosive gases; it is characterized by its wide measuring ranges and compact dimensions, guaranteeing high precision even in the case of reduced or irregular flow.

Working Principles

Rotary piston gas meters are volumetric meters for gaseous media which work on the principle of the displacement of defined quantities of gas, thanks to the volumetric measurement they operate independently of the influences of the installation and are therefore particularly suitable for compact measuring systems with short straight entrance sections. These meters measure the volume of gas at operating conditions and are approved for custody transfer measures, where required they can also be combined with a volume converter for measurement at the basic reference conditions.

Product Features

- compact size
- 5-year maintenance interval
- the index can be rotated for horizontal and vertical installation
- optional index solutions (e.g., absolute ENCODER S1D)

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Technical Features

SIZE	FROM G16 TO G400
FLOW RATES	FROM 0.6 TO 650 M^3/H
NOMINAL DIMENSIONS	FROM DN32 TO DN150
OPERATING PRESSURE	MAX 20 BAR
PRESSURE CLASSES	PN10/16 AND CLASS 150 ACCORDING TO ASME B 16.5
PULSE OUTPUTS	• PULSE TRANSMITTER BF IN-SX (REED CONTACT, STANDARD) ACCORDING TO EC TYPE EXAMINATION CERTIFICATE TÜV 03 ATEX 2123 • PULSE TRANSMITTER BF IN-W11 (WIEGAND SENSOR, OPTIONAL) ACCORDING TO EC TYPE EXAMINATION CERTIFICATE TÜV 01 ATEX 1776 • HF PULSE TRANSMITTER A1K (NAMUR SENSOR, OPT) ACCORDING TO EC TYPE EXAMINATION CERTIFICATE PTB 99 ATEX 2219X
GAS AND AMBIENT TEMPERATURE RANGE	- 25°C ÷ + 70°C
MATERIALS	CORPO IN ALLUMINIO O GHISA SFEROIDALE
DEGREE OF PROTECTION	IP67 (PROTECTED AGAINST BRIEF IMMERSIONS UP TO 1 M DEEP AND COMPLETELY HERMETIC AGAINST DUST AND FUMES) - SUITABLE FOR OUTDOOR INSTALLATIONS
MEASURING RANGE	1:160

TECNOGAS
I percorsi della tecnologia.

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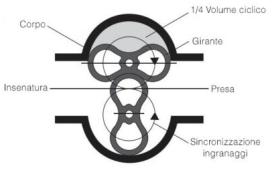
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MID APPROVAL	*DE-12-MI002-PTB001 (PTB)*
ATEX APPROVED	*EX-ZONE 1*
PED APPROVAL	*CE-0085CN0022 (DVGW CERT GMBH)*

SKU	MODEL	PRICE
00000050670	RABO® ROTARY PISTON GAS METER - G65 DN50	€5313.0 VAT EXCLUDED
00000050671	RABO® ROTARY PISTON GAS METER - G100 DN50	€6132.0 VAT EXCLUDED
00000050672	RABO® ROTARY PISTON GAS METER - G100 DN80	€6132.0 VAT EXCLUDED
00000050673	RABO® ROTARY PISTON GAS METER - G160 DN80	€6426.0 VAT EXCLUDED
00000050674	RABO® ROTARY PISTON GAS METER - G250 DN80	€6699.0 VAT EXCLUDED
00000050675	RABO® ROTARY PISTON GAS METER - G160 DN100	€6972.0 VAT EXCLUDED
00000050676	RABO® ROTARY PISTON GAS METER - G250 DN100	€9513.0 VAT EXCLUDED



Principio di funzionamento



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