

Product-Information

CERAVAC Transmitters CTR 90

CERAVAC Transmitters CTR 90
Cat. Nr.: 15941



Product-Illustration

Product-Description:

The CERAVAC Transmitter with its diaphragm made of pure aluminium oxide ceramics offers excellent accuracy and reproducibility.

Advantages to the User

- Excellent accuracy
- Corrosion resistant
- High resolution
- Very good temperature stability
- Electrically and mechanically compatible with the conventional capacitance manometers with stainless steel diaphragm
- Heated and unheated types are available

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Typical Applications

- General purpose pressure measurements in the fine and rough vacuum range, also for corrosive process gases
- Chemical process engineering
- Semiconductor production processes
- Suited as a reference sensor for monitoring test instruments in accordance with DIN/ISO 9000

Cajon 8 VCR, Measurement range 1000 Torr

Description	Unit	Value
Measurement range	Torr	0.1 - 1000 Torr
Materials exposed to gases		Ceramic (Al ₂ O ₃), stainless steel 316, Vacon 70
Max. overrange pressure	Torr	3000
Measurement uncertainty		0.2% of reading ± temperature effects
Resolution	% FS	0.0015
Temperature effects, Zero coefficient	%/°C	0.005 of FS
Temperature effects, Span coefficient	%/°C	0.01 of reading
Reaction time	ms	< 30
Nominal temperature range	°C	5 - 50
Supply voltage	V DC	either ± 15 or +24
Current consumption	mA	23
Signal output	V	0 - 10; linear
Weight, approx	kg (lbs)	0.26 (0.57)
Dead volume	cmE3	6

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Illustrations

