

Pressure Indicator PCE-DMM 70



Digital pressure to 400 bar / Relative and absolute pressure measurement / $\pm 0.05\%$ accuracy FSO / Storage

The pressure indicator PCE-DMM 70 is a precision instrument for leakage testing. The pressure indicator is specifically designed for leak testing of pipe networks. The actual pressure indicator and the display of this precision instrument can be separated without tools. The measurement values are stored in the internal memory. In addition to the measured values the user can measuring point numbers, etc. This recording interval can be set from one second to 99 seconds. Moreover, the measured value can be stored for a specified time. The measurement and test duration and the number of measured values in the pressure indicator can be programmed. The housing of this leak detector is made of stainless steel. A special feature of this gauge is that the display and sensor are separated from each other. This has the advantage, that several sensors can be installed in the pipe network, but you can see all the values on just one display. Sensor and display are separable with no tools required.

- ▶ To 400 Bar
- ▶ Relative and absolute pressure measurement
- ▶ Memory and interface
- ▶ Sensor and display separable
- ▶ Backlit LCD Display
- ▶ Different units
- ▶ Stainless steel diaphragm
- ▶ Applications: leak testing in pipe networks, machinery and equipment

Specifications

Nominal relative pressure in Bar	0.1	0.16	0.25	0.40	0.60	1	1.6	2.5	4	6
Nominal absolute pressure in bar				0.40	0.60	1	1.6	2.5	4	6
Overpressure in bar	0.5	1	1	2	5	5	10	10	20	40
Burst pressure in bar	1.5	1.5	1.5	3	7.9	7.5	15	15	25	50
Nominal relative / absolute pressure in bar	10	16	25	40	60	100	160	250	400	600
Overpressure in bar	40	80	80	108	210	210	600	1050	1050	2100
Burst pressure in bar	50	120	120	210	420	420	1000	1250	1250	2500
Negative pressure	-1 ... 0 bar; Overload: 5 bar; Burst pressure: 7.5 bar									
Vacuum resistance	P ≥ 1 bar: unrestricted									

General Specifications

Accuracy	≥ 0.4 Bar: ≤ ± 0.05% FSO < 0.4 Bar: ≤ ± 0.125% FSO
Measuring rate	1/s or 2/s (adjustable)
Long term stability	< ± 0.1% FSO
Media	Gases Water Fluid: -10 ... 55°C / 14 ... 131°F
Temperature ranges	Operating: -10 ... 55°C / 14 ... 131°F Storage: -20 ... 70°C / -4 ... 158°F
Pressure port / housing	Stainless steel 1.4404
Seal	FKM
Diaphragm	Stainless steel 4.4435
Parts exposed to water	Pressure port, seals, diaphragm

More information

Manual



More product info



Similar products



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Display	<p>Graphic LCD Digit height 5.5 mm (gauge) Reading: max. 7 points, depending on the pressure range Temperature display, time, 100-segment bar graph, Adjustable backlighting Storage of printing units and sensor temperature (min, hrs., Daily for a set time) max. 8,500 values, modes: cyclical, linear measurement interval adjustable</p>
Memory	
Power supply	3 x 1.5V Duracell Plus Batteries, AA
Battery life	1.5 years standby
Protection	IP67
Weight	ca. 680 g / 1.5 lbs

Subject to change

