

Automatic Pressure Calibrator for high-pressure applications

Precision pressure controller with electrical signal processing

Features

- 7" touch display with additional input keypad
- Pressure measurement range from vacuum up to 250 bar
- Accuracy class up to 0.01% FS
- Use of liquids
- Transmitter calibration and logger function
- Manometer, leak and pressure-switch test
- Customised measuring routines
- Contamination protection (optional)
- Interface description released

Technical specifications	From vacuum up to 250 bar	
Pressure range:	0.3% Rdg + 0.3% FS:	
Measuring ranges:	0.2% Rdg + 0.2% FS:	2.5 mbar to +2.5 mbar
	0.04% Rdg + 0.04% FS:	0...50 mbar, 0...100 mbar
	0.025% Rdg + 0.025% FS:	0...400 mbar, 1000 mbar
	0.01% FS:	0...20 bar, 0...35 bar, 0...150 bar, 0...200 bar, 0...250 bar
		0...1.3 bara, 0...3.5 bara, 0...10 bara, 0...25 bara, 0...50 bara
Calibration module for electrical values	Source U	0...26 V, max. 25 mA
EL-Cal (optional):	Measurement U	0...27 V, Ri > 1 MOhm
	Measurement I	0...25 mA, Rload = 100 Ohm
	Accuracy	0.02% FS
Pressure media:	Gases, low viscosity liquids	
Interfaces:	RS232, USB, LAN	
Electronic connection:	Rubber connector	
Supply voltage:	100... 240 VAC, 50/60 Hz	
Pressure connection:	G 1/8" I with exchangeable fine mesh filter 5µ 8-pin connector strip for ext. control functions (optional)	
Special functions:	customer-specific	
Dimensions	130 x 380 x 265 mm (H x W x D)	
Weight	4,700 g	