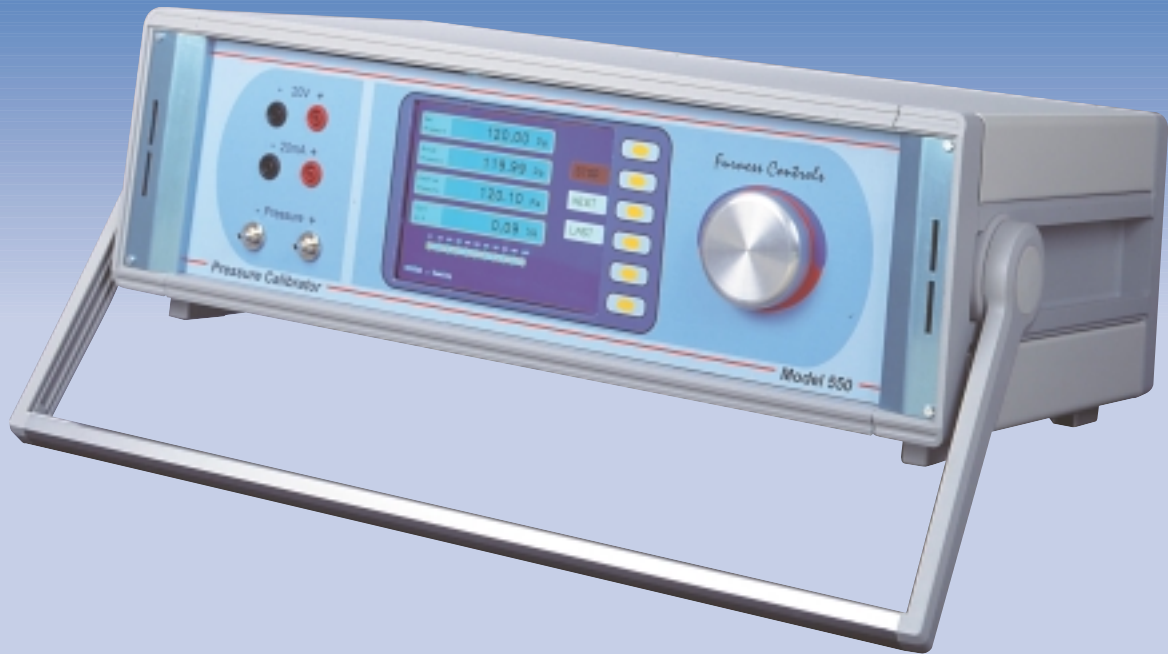


Low Pressure

CALIBRATOR CONTROLLER

FC0550



- 0.01 TO 20,000 PASCALS WITH TWO MODELS
- ACCURACY: < .1% READING
- USES ACTIVE PRESSURE CONTROLLER
- FAST PRESSURE RESPONSE
- BENCH MOUNT OR RACK MOUNT
- HIGH CONTRAST COLOUR TFT DISPLAY
- SPEED SENSITIVE INFINITE TURN ROTARY CONTROL
- FLASH MEMORY FOR FUTURE ONSITE UPGRADES

Furmen Controls

FC0550

Low Pressure CALIBRATOR CONTROLLER

SPECIFICATIONS

PERFORMANCE

PARAMETER	CONDITIONS	MIN.	TYPICAL	MAX.	UNITS
Measurement accuracy of differential pressure	Including hysteresis and linearity between 10% and 100% of stated instrument range at 20°C		0.08	0.1	% Reading
Control accuracy	Based on averaging over 1 second		0.1	0.15	% Reading
Control range		1%		100%	Selected Range
Linearity	@20°C		±0.07	±0.09	% Reading
Control response time		1	10	20	Seconds
Pressure measurement resolution	Per range		1:20000		
Storage temperature		-10		70	°C
Operating temperature		10		40	°C
T. Coefficient (Zero)			±0.005	±0.02	%FSD/°C
T. Coefficient (Span)			±0.005	±0.02	%/°C
Long-term drift			0.2		%FSD/year

SUPPLY/INPUT

PARAMETER	CONDITIONS	MIN.	TYPICAL	MAX.	UNITS
Voltage input range		-20		+20	VDC
Current input range		0		20	mA
Measurement accuracy of voltage or current input	Including hysteresis and linearity between 10% and 100% of full scale @20°C		0.03	0.05	% Reading
Power supply voltage		90		255	VAC
Supply current		1		5	A
Supply frequency		45		65	Hz
Pneumatic supply pressure		5		16	Bar
Air consumption			TBA		NL/m

Agent's Stamp:



Furness Controls has a NAMAS certified laboratory which offers pressure calibration from 0 to 40 kPa

Furness Controls Limited

Beeching Road, Bexhill, East Sussex, UK. TN39 3LJ
 Tel: +44 1424 730316 Fax: +44 1424 730317
 E-mail: sales@furness-controls.com
 Web site: http://www.furness-controls.com