London Electronics Ltd
www.london-electronics.com help@london-electronics.com Tel +44 1767 626444 Fax +44 1767 626446

Pica-P Panel meter

Description:
A compact 4 digit scalable process meter with wide-range power supply.

Input Signals:

4-20mA	12 Ohm input resistance
0-10V	1 Megohm input resistance
0-20 Volts	1 Megohm input resistance
0-200 Volts	1 Megohm input resistance
0-100mV	10 Megohm input resistance.

Accuracy

Precision	+/-0.1% of reading +/- 3 digits
Tempco	+/-100ppm/Degree C
Warmup	5 minutes

Power:

PICA-P	85-265 VAC Fuse 100mA T
PICA-P6	11 to 70 VDC Fuse 500mA T

Conversion:

Method	Sigma-Delta
Resolution	+/-15 bits
Rate	25 conversions per second

Display:

Range	-1999 to 9999
Type	4 digit LED
Update	4 per second
Overflow	Displays OvE

Environmental:

Temp. Op.	-10 to +60 Deg. C
Storage	-25 to +85 Deg. C
Humidity	Less than 95%, non condensing
Front Seal	IP65

Dimensions:

Bezel	24mm high x 48mm wide
Cutout	22mm wide x 45mm high
Depth	70mm behind panel
Weight	50 grammes

EMC and safety guide:
Install a power-circuit breaking device, within easy reach of the operator.

Install in a sealed enclosure, where power is removed if the enclosure is opened.

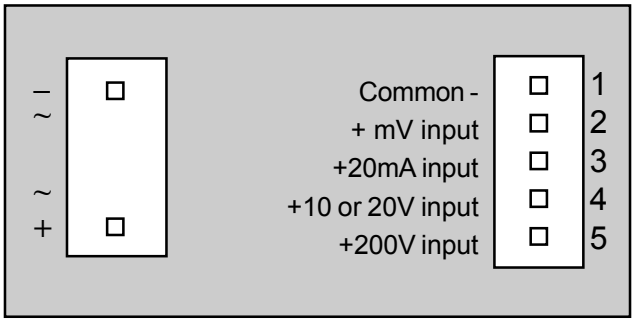
To guarantee electromagnetic compatibility, you must follow the following advice...

Power supply cables must be routed separately to signal cables.

Use shielded wiring for the signal input, and connect the shield to ground / earth at the meter end only.

Cable cross-sectional area should be at least $0.25mm^2$

Connections:
These meters have detachable plug-in connectors. Wires are held in place with spring clamps. A special displacement tool is included to help you connect your wiring to the clamps.



Notes:

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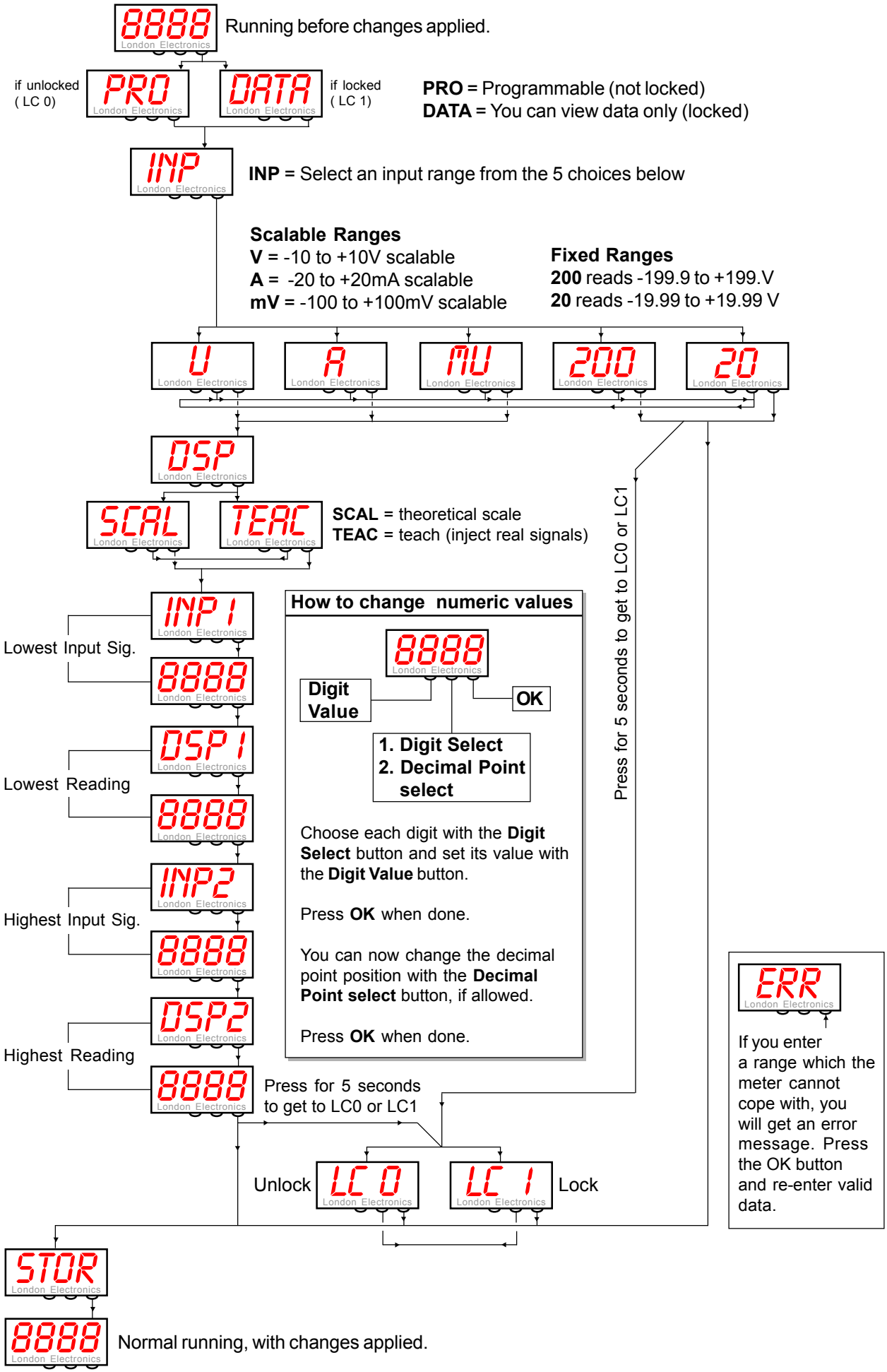

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