

PICA-E

*A compact 4 digit scalable
AC/DC Voltage and Current
meter with wide-range power supply.*



DESCRIPTION

INDICATOR for:

- AC/DC VOLTS (600V and 100V)
- AC/DC AMPERES (1A and 5A)

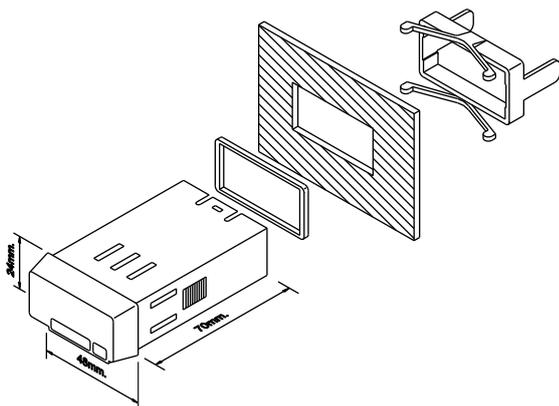
Fully programmable panel meter for AC/DC **volts** and **amperes** measurement. -1999 to 9999 display range and configurable decimal point.

Controlled by three buttons situated on the bottom of the display.

DIMENSIONS AND MOUNTING

Dimensions	48 x 24 x 70 mm
Panel Cutout	45 x 22 mm
Weight	60g
Case Material	Polycarbonate s/ UL 94 V-0

Instruments include a sealing gasket and a fixing clip for front and rear panel installation.



TECHNICAL SPECIFICATIONS

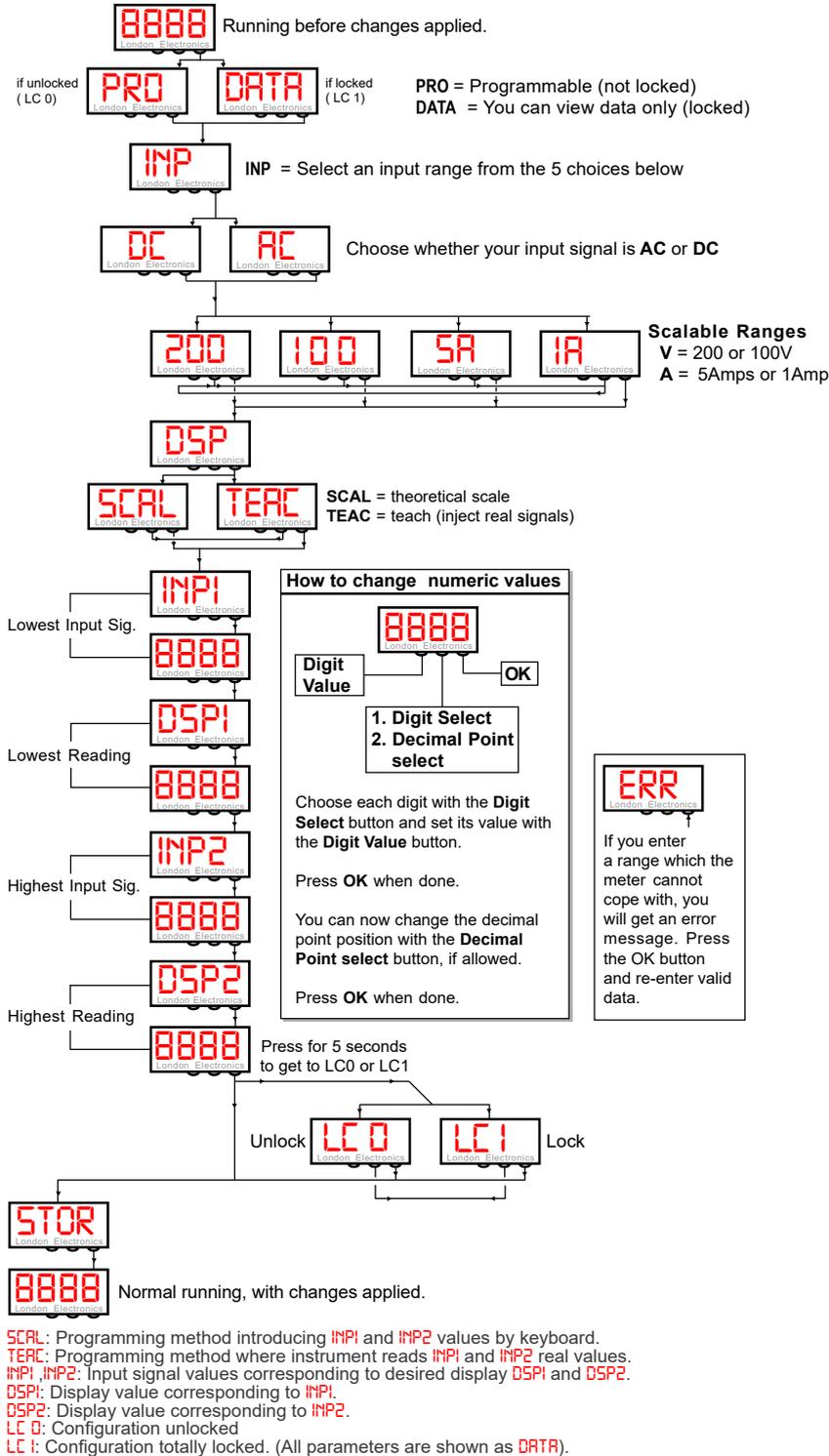
INPUT	VOLTAGE		CURRENT	
	600	100	1A	5A
AC Range	0 to 600V	0 to 100V	0 to 1A	0 to 5A
DC Range	-199.99 to 600V	±100V	±1A	-1.999 to 5A
Resolution	0.01V	0.1V	1mA	1mA
INPUT IMPEDANCE				
Volts				3MΩ
Amperes				14MΩ
ACCURACY at 23°C ±5°C				
DC; 600V AC, 5AAC				±(0.2% rdg + 3 digits)
100V AC, 1AAC				±(0.4% rdg + 4 digits)
Temperature Coefficient				100 ppm/°C
Warm-up Time				5 minutes
POWER SUPPLY AND FUSES (DIN 41661, not included)				
PICA-E:	85-265V AC 50/60Hz and 100-300V DC F 0.1A/ 250V			
PICA-E6:	21-53V AC 50/60Hz and 10.5-70V DC F 0.5A/ 250V			
Power Consumption				1.8W
CONVERSION				
Technique				Sigma-Delta
Resolution				±15 bits
Conversion Rate				20/s
DISPLAY				
Range				-1999 to 9999 DC, 0 to 9999 AC
Type				4 red digits 10mm
Display Refresh Rate				4/s
Display/input Over-range Indication				QUE
ENVIRONMENTAL CONDITIONS				
Operating Temperature				-10°C to +60°C
Storage Temperature				-25°C to +85°C
Relative Humidity (non condensing)				<95% @ 40°C
Maximum Altitude				2000m
Front Panel Sealing				IP65

ORDERING CODES

PICA-E-X	
Input Type:	
Supply Voltage:	
85-265V AC 50/60Hz and 100-300V DC	0
21-53V AC 50/60Hz and 11-70V DC	6

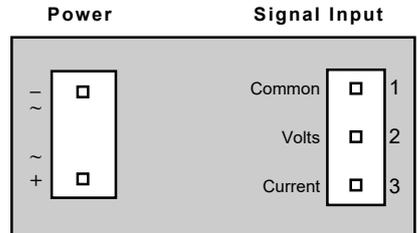
CONFIGURATION

Display range: Input **600** **100** DC -1999 to 9999
 Display range: Input **5A** **100** DC -1999 to 9999
 Display range: Input **200** **100** AC 0 to 9999
 Display range: Input **5A** **1A** AC 0 to 9999



CONNECTIONS

Instruments include a sealing gasket and a fixing clip for front and rear panel installation. 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.



WARNING

In order to guarantee electromagnetic compatibility, the following guidelines for cable wiring must be followed:
 Power supply wires must be separated from signal wires. Never run power and signal wires in the same conduit.
 Use shielded cable for signal wiring and connect shield to ground.
 Cable section must be $\geq 0.25\text{mm}^2$

INSTALLATION

Where the unit is permanently connected to the main supply and to meet the requirements of EN61010-1 Directive, it is obligatory to install a circuit breaker device easily reachable to the operator and clearly marked as a protection device.

CLEANING: Front cover should be cleaned only with a soft cloth soaked in neutral soap product. **DO NOT USE SOLVENTS.**

WARRANTY

All products are warranted against defective material and workmanship for a period of two years from acquisition date.

If a product appears to have a defect or fails during the normal use within warranty period, please contact the distributor from whom you purchased the product to be given proper instructions.

This warranty does not apply to defects resulting from action of the customer such as mishandling or improper interfacing.

The liability under this warranty shall extend only to the repair of the instrument; no responsibility is assumed by the manufacturer for any damage which may result from its use.