

INSTRUCTIONS MANUAL

Valid for E2.00 version or higher.



DESCRIPTION

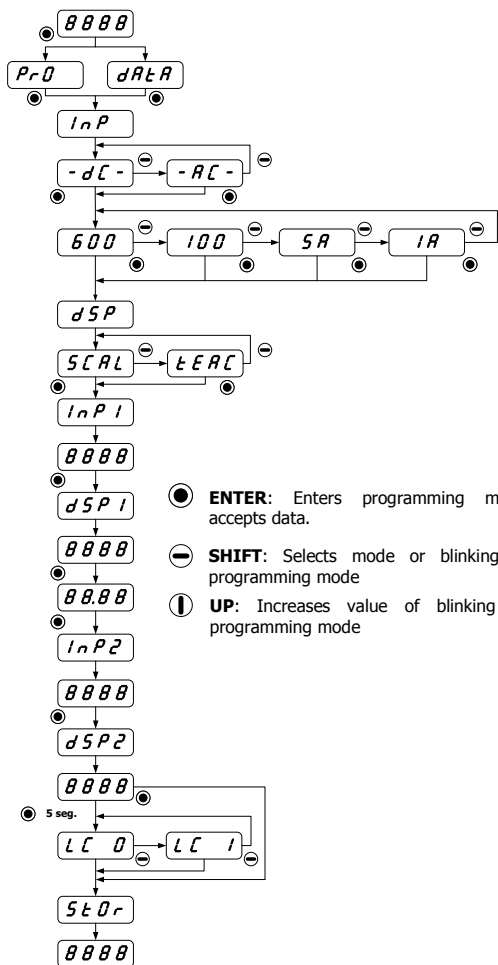
INDICATOR for:
 - AC/DC VOLTS (600V and 100V)
 - AC/DC AMPERES (1A and 5A)

48 x 24 mm frontal

Fully programmable panel meter for AC/DC **volts** and **amperes** measurement.
 Configurable decimal point.
 Controlled by three keys situated on the bottom of the frontal display.

CONFIGURATION

Display range: Inputs	600	100	DC	.....	-1999 ÷ 9999
Display range: Inputs	5A	1A	DC	.....	-1999 ÷ 9999
Display range: Inputs	600	100	AC	.....	0 ÷ 9999
Display range: Inputs	5A	1A	AC	.....	0 ÷ 9999



- **ENTER:** Enters programming mode and accepts data.
- ◊ **SHIFT:** Selects mode or blinking digit in programming mode
- ⏏ **UP:** Increases value of blinking digit in programming mode

SCAL: Programming method introducing **InP1** and **InP2** values by keyboard.
tEAC: Programming method where instrument reads **InP1** and **InP2** real values.
InP1, **InP2**: Input signal values corresponding to desired display **dSP1** and **dSP2**.
dSP1: Display value corresponding to **InP1**.
dSP2: Display value corresponding to **InP2**.
LC 0: Configuration unlocked.
LC 1: Configuration totally locked. (All parameters are shown as **dAtA**).

WARRANTY

All products are warranted against defective material and workmanship for a period of three 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.



TECHNICAL SPECIFICATIONS

INPUT	VOLTAGE		CURRENT	
	600	100	1A	5A
AC Range	0÷600V	0÷100V	0÷1A	0÷5A
DC Range	-199.9÷600V	±100V	±1A	-1.999÷5A
Resolution	0.1V	0.1V	1mA	1mA

INPUT IMPEDANCE

Volts	.....	3MΩ
Amperes	.....	14mΩ

ACCURACY at 23°C ±5°C

DC; 600V AC, 5A AC	.....	±(0.2% rdg + 3 digits)
100V AC, 1A AC	.....	±(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÷9999 DC, 0÷9999 AC
Type	.....	4 red digits 10mm
Display refresh rate	.....	4/s
Display/input overrange indication	.....	OL

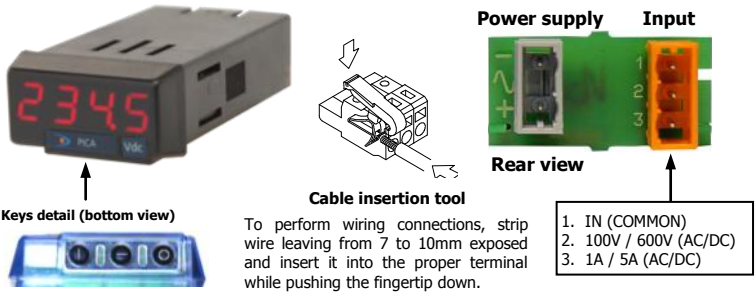
ENVIRONMENTAL CONDITIONS

Operating temperature	.....	-10°C ÷ +60°C
Storage temperature	.....	-25°C ÷ +85°C
Relative humidity (non condensing)	.....	<95% @ 40°C
Maximum altitude	.....	2000m
Frontal protection degree	.....	IP65

INSTALLATION AND CONNECTIONS

DIMENSIONS

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



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 ≥0.25mm²

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 easy reachable to the operator and clearly marked as a protection device.
CLEANING: Frontal cover should be cleaned only with a soft cloth soaked in neutral soap product. **DO NOT USE SOLVENTS.**

Declares, that the product:

Description: Digital panel indicator
 Model: **PICA-E / PICA-E6**
 Specifications: DI 101202

Conforms with Directives: EMC 2004/108/CE
 LVD 2006/95/CE

Applicable Standard: **EN61000-6-3** Generic emission.
 Applicable Standard: **EN61000-6-2** Generic immunity.
 Applicable Standard: **EN61010-1** Generic safety.

Date: 14 January 2012
 Signed: Alicia Alarcia
 Charge: Technical Director