

# PICA-E

## DESCRIPTION

INDICATOR FOR:

- VOLTS AC/DC ranges 100 V and 600 V
- AMPS AC/DC ranges 1 A and 5 A

### 48x24 mm front

Panel instrument for **volts** and **amps** measurement in DC or AC, fully programmable.  
Programmable decimal point.  
Keys situated below the display.

## PICA-E



## TECHNICAL CHARACTERISTICS

| INPUT      | VOLTS         |        | AMPS          |        |
|------------|---------------|--------|---------------|--------|
| Range AC   | 600,0         | 100,0  | 5,000         | 1,000  |
| Range DC   | -199,9 +600,0 | ±100,0 | -1,999 +5,000 | ±1,000 |
| Resolution | 0,1V          | 0,1V   | 1mA           | 1mA    |

### INPUT IMPEDANCE

Volts (100, 600) AC / DC ..... 3MΩ  
Amps (1 / 5) AC / DC ..... 14mΩ

### ACCURACY @ 23°C ±5°C

Error (600V / 5A. AC/DC) ..... ±(0.2% reading + 3 dígits)  
Error (100V / 1A. AC) ..... ±(0.4% reading + 4 dígits)  
Temperature coefficient ..... 100 ppm/°C  
Warm-up time ..... 5 minutes

**POWER SUPPLY AND FUSES (DIN 41661) (not included)**  
PICA-E 85 – 265 VAC 50/60 Hz y 100-300VDC ..... F 0.1A/ 250V  
PICA-E6 21-53 VAC 50/60Hz y 10,5-70VDC ..... F 0.5A/ 250V

### CONVERSION

Technical ..... Sigma-Delta  
Resolution ..... ±15 bits  
Rate ..... 25/ s

### DISPLAY

Range ..... -1999 ÷ 9999 (DC) 0 ÷ 9999 (AC)  
Type ..... 4, 10 mm red digits  
Display rate ..... 4/s  
Overflow indication ..... **OL**

### ENVIROMENTAL

Operating temperature ..... -10°C ÷ +60°C  
Storage temperature ..... -25°C ÷ +85°C  
Relative humidity (not condensed) ..... <95% ÷ 40°C  
Altitude max ..... 2000m.  
Panel sealing ..... IP65

### ORDERING REFERENCES

85-265 V AC 50/60 Hz and 100-300 V DC ..... PICA-E  
21-53 V AC 50/60 Hz and 10-70 V DC ..... PICA-E6

## PROGRAMMING

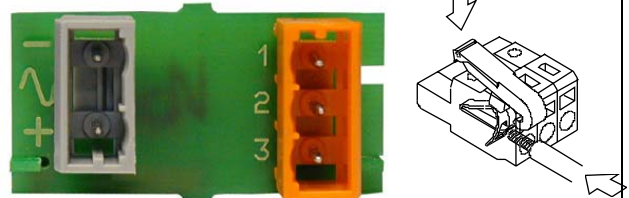
### Display range:

Input V / A DC (programmable) ..... -1999 to 9999  
Input V / A AC (programmable) ..... 0 to 9999



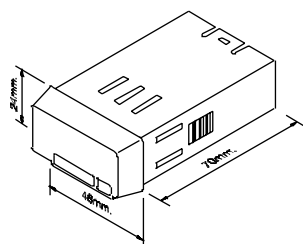
KEYBOARD DETAIL (LOWER VIEW)

## CONNECTIONS



## DIMENSIONS AND MOUNTING

Dimensions ..... 48 x 24 x 70 mm.  
Panel cutout ..... 45 x 22 mm.  
Weight ..... 50 g.  
Case material ..... Polycarbonat s/ UL 94 V-0



### CN1

### POWER SUPPLY

| PIN | AC VERSION | DC VERSION |
|-----|------------|------------|
| 1   | AC LO      | -V DC      |
| 2   | AC HI      | +V DC      |

### CN2

### INPUT SIGNAL

|   |                       |
|---|-----------------------|
| 1 | IN (COMMON)           |
| 2 | VOLTS 100/600 (AC/DC) |
| 3 | AMPS 1/5 (AC/DC)      |