PI CA40-VDC

INSTRUCTIONS MANUAL

DESCRIPTION

INDICATOR FOR DC MEASUREMENT IN THE RANGE OF: 8 to 32 VDC

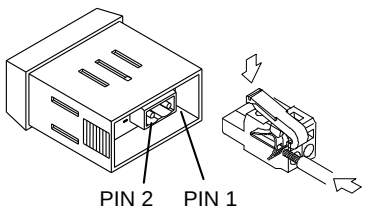
48 x 24 mm front panel
Length 40 mm

- No auxiliary supply needed, self-powered from the voltage to measure
- designed for a **specific** nautical field application: measurement of batteries voltage
- No Programming required.

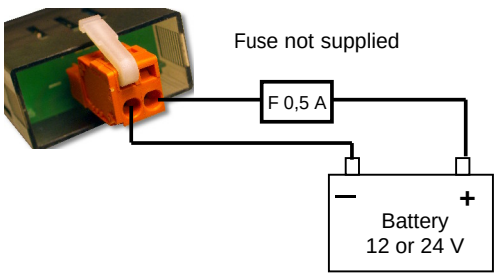
DIMENSIONS AND MOUNTING

DIMENSIONS

Dimensions ..... 48 x 24 x 40 mm.
Panel Cutout ..... 22 x 45 mm.
Weight..... 50 g.
Case material ..... Polycarbonate s/ UL 94 V-0



CN1	INPUT SIGNAL/ POWER SUPPLY
PIN 1	(+ 8 to 32 V dc)
PIN 2	(-)



WARNING

⚠ Connection of the positive (+) terminal should always be effectuated through a protective fuse (not supplied)

The cable section must be ≥ 0.25 mm²

CLEANING: The frontal 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 three years from date of delivery.
If a product appears to have a defect or fails during the normal use within the warranty period, please contact the distributor from whom you purchased the product.
This warranty does not apply to defects resulting from action of the buyer 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.

ECF

TECHNICAL CHARACTERISTICS

VOLTAGE INPUT
Range ..... 8 to 32 V DC
Resolution ..... 0.1 V

ACCURACY at 23ºC ±5º C
Max error. .....±(0.1 % of reading + 3 digits)
Temperature coefficient .....100 ppm/ºC
Warm up..... 5 minutes

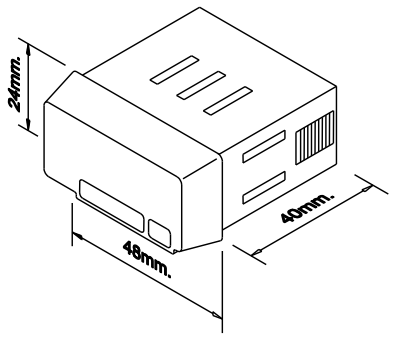
POWER SUPPLY
self-powered from the voltage to measure
Consumption ..... ≤ 20 mA
Fuse recommended (not supplied)..... F 0,5 A

CONVERSION
Technical .....Single Slope
Resolution .....14 bits
Reading rate.....166/ s

DISPLAY
Fixed range ..... 8.0 to 32.0
Type .....3 red digits 10 mm
Reading rate presentation ..... 2/ s
Overflow indication ..... OvE

ENVIRONMENTAL
Operating temperature.....-10 ºC ÷ +60 ºC
Storage temperature.....-25 ºC ÷ +85 ºC
Relative humidity (non condensed). .....<95 % ÷ 40 ºC
Maximum altitude.....2000 m.
Panel sealing IP65

DIMENSIONS



Manufacturer: DITEL - Diseños y Tecnología S.A.
Adress: P.I. Les Guixeres C/ Xarol, 8C 08915 BADALONA SPAIN
Declares, that the product:
Description: Digital panel meter
Model: **PICA40-VDC**

Conforms with the directives:	EMC 89/336/CEE LVD 73/23/CEE
EN 61000-6-2	Generic immunity
EN 61000-4-2	Electrostatic discharge Air discharge 8kV Contact discharge 4kV
EN 61000-4-3	Electromagnetic fields RF 10V/m
EN 61000-4-4	Fast transients Power supply Lines 2 kV Signal Lines 1 kV
EN 61000-4-5	Surge Power supply Lines ± 0.5 kV Signal lines ± 1 kV
EN 61000-4-6	RF conducted interferences 10 V rms
EN 61000-6-3	Generic emission EN 55022/ CISPR22
EN 61010-1	General safety Installation category II Enclosure: Double

CE

Date:10-07-2006
Signed: José M.Edo
Function: Technical Manager