

# Series L35

## MINIATURE Panel Meter for PROCESS



- \* 3 1/2 Digits of 10 mm height
  - Indication Scalable 1999 / -1999
  - Polarity Sign
  - Scalable in Engineering Units
  - Decimal Point Selectable
  - Accuracy 0.2%
  - Powered at 10 to 30 Vdc
  - Isolated power supply

- \* Low Consumption 0.6W  
Low Start-Up current 0.2A (24Vdc)

- \* Minimum space needed  
Total deep needed only 70 mm  
Panel 48x24 mm DIN 1/32

- \* Input Signals Accepted
  - 4/20 mA
  - 0/20 mA, 0/50 mA
  - 10/50 mA
  - 0/2 ... 0/10 Vdc
  - 0/10 ... 0/200 Vdc

- \* Display with easy to read digit  
and extra luminosity

- \* Indication easily scalable with  
potentiometers accessible at the rear  
part of the instrument

- \* Miniature plug-in screw clamp, for best  
security on signal fixation and contact



FEMA ELECTRÓNICA, S.A.

# TECHNICAL DATA – L-35/A

## General Data

The L35/A is a 3 1/2 digit instrument designed to accept process signals. With miniature dimensions, front side 48 x 24 mm, and a maximum deep inside panel less than 70 mm, including the connection clamp. User can scale the display reading to the engineering units used in the process.

The internal power supply is made of a DC/DC converter that provides galvanic isolation between the measured signal and the power supply.

Accepts different input signal ranges in mA (0/20, 4/20,.. 0/50) and Vdc (0/10, 0/2..0/200).



IDEAL SOLUTION for applications with limited panel space, minimum deep space allowable and/or limited weight on the instrument needed. Specially designed for sinoptic panels, portable equipment and similars.

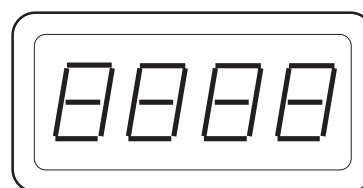
## Technical Data

DISPLAYS	Led 7 Segments Red Color
INDICATION	1999 / -1999
DECIMAL POINT	Selectable
DIGITHEIGHT	10 mm
POLARITY	Automatic, negative sign
INPUTCONFIGURATION	Bipolar Simple
CONVERTER	Dual Slope, Mean Value
NUMBER OF READINGS	2,5 readings/sec.
STABILIZATION TIME	2 minutes
ACCURACY AT 25 °C	<± 0,2 % ±1 Digit
TEMPERATURE COEFF.	< 50 ppm.
POSITIVE OUT OF SCALE	No Display
NEGATIVE OUT OF SCALE	Indicates sign «-»

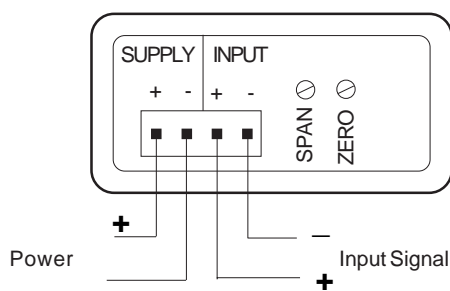
WORKING TEMPERATURE	-20° to +60 °C.
STORAGE TEMPERATURE	-40 °C to +80 °C
BURN-IN TEST	24 hours
POWER SUPPLY	10...30 Vdc. Isolated
START-UP CURRENT	0.2 Amp. (at 24 Vdc)
CONSUMPTION	0.6 W max
ISOLATION VOLTAGE	750 Vac

ELECTRICAL CONNECTIONS	Miniature Plug In Screw Clamp
BOX	DIN 43700
DIMENSIONS	48 x 24 x 70 mm incl. clamp
PANEL CUT-OUT	45 x 22.2 mm.
WEIGHT	50 g.

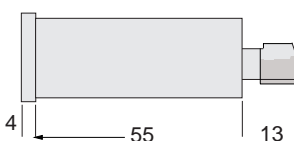
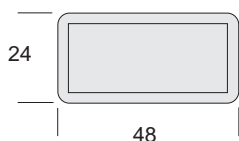
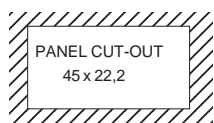
### FRONT VIEW



### REAR VIEW



## Mechanical Dimensions



FEMA ELECTRÓNICA, S.A.  
Pol. Ind. Santiga - Altimira 14 (T14 - N2)  
E08210 Barberà - BARCELONA

Tel. +34.93.729.6004 - www.fema.es  
Fax +34.93.729.6003 - info@fema.es