

TEA8A ISOLATED ANALOG INPUT CARD



SPECIFICATIONS

Inputs

Channels: 8

Type: 4 to 20 mA or 0 to 20 mA Input Impedance: 47Ω Maximum Current: 50 mA

Isolated

Software and hardware filter

Terminals:

Type: pluggable: from 0,25 mm² to 4 mm²

(12 AWG to 24AWG)

Quantity: two terminals for input

Accuracy: 0.5% Scan Time: 100 ms

Resolution: 11 bits plus sign

Communications

Serial Port RS485 Protocol BUS485 Indicators:

RX, TX and CK leds Transmission enabled led Bus Address: 4 switches

Power Supply

Voltage: 19 to 28 Vdc

Current Consumption: 100 mA Power supply indication LED.

Mechanical

Metal support for tray mount Dimensions in mm: 250 x 15 x 37 Weight: 600 g

Environmental

Air Temperature: 0 to 55 °C

Relative Humidity: 100 % non-condensing

DESCRIPTION

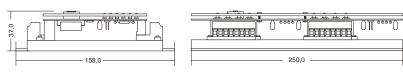
The TEA8A is an isolated 11-bit analog input card designed to provide the following functions:

- Analog-to-digital conversion.
- Analog signals filter.
- Analog signals isolation.
- Transmission of the digital values through the serial port.

FEATURES

- Two parts: electronic card and mounting bracket.
- Wall mount.
- Easy installation and high maintainability.
- Quick and easy field wiring connections.
- 8 isolated analog inputs.
- RS485 LAN connection with hardware identification.
- •CPU program in flash EPROM.
- Programming flexibility.





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CONTROLES S.A. Av. Rivera 3314 11300 - Montevideo - URUGUAY Phone: +598 2 622 0651 Fax: +598 2 622 2048 info@controles.com www.controles.com