

### 2-Channel RS-232/422 Bus Monitor Encoder Unit



#### Applications

- Flight Test Instrumentation
- Factory Automation and Process Control
- Research Measurements and Experiments

#### Features

- 2-channel RS-232/422 Bus Monitor Encoder Unit
- Supports EIA-RS-232 Standard
- Baud Rates from 4.8 Kbaud to 115 Kbaud per channel
- Fully programmable on a per channel basis for:
  - Baud rate, data bits, stop bits, and parity
- 12 discrete bilevel inputs
- Provides PCM encoding per IRIG-106-96
- PCM Encoding is programmable for:
  - Bit rate, bits per word, words per frame, frames per major frame,
  - Channel data sampling, sample discrete,
  - User data, sync words, and PCM code

#### Description

The RSE-232 is a Dual RS-232 Bus Monitor/Encoder unit designed to operate in a stand-alone configuration (RS-232/422 input; serial PCM data/clock output). The miniature ruggedized housing is suitable for use in space-limited, weight-critical, harsh-environment applications. Major internal elements include a 28VDC power supply, a factoryconfigured RS-232 Bus Monitor (see 8.0 for specific configuration), a bi-level multiplexer/conditioner, and a high-speed PCM Encoder/Formatter. The RSE-232 can be used as an airborne modem, uplink/downlink encoder, or as a data acquisition/instrumentation unit.

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#### RSE-232 Datasheet

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 Specifications subject to change without notice.

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CAIS  
Compatible



Management  
System  
AS9100C  
ISO 9001:2008

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