## Trans-Cal Industries, Inc. Model SSD120-100N-SDR Serial Data Repeater

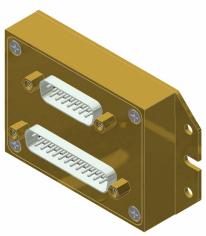
## Drive up to Ten RS-232 Devices with a Single Input!

Designed to provide a fan-out of up to ten RS-232 compliant outputs from a single RS-232 input, the Model SSD120-100N-SDR is an all solid-state Serial Data Repeater providing a simple and robust means of transmitting serial data to multiple aircraft systems in a small package.

RS232 has become a popular format for transmitting serial data within the aircraft; but RS-232 is limited to one receiver per driver. The SSD120-100N-SDR is designed to fill the need for additional data distribution in the RS-232 format.

## Featuring:

- Up to two RS-232 compliant data inputs and/or one RS485 input
- A fan-out of up to ten RS232 compliant output ports
- RS-232 Ports may be installer configured to transmit as one group of ten or two groups of five
- FAA TSO-C88a and EASA ETSO-C88a Approved
- Tested and Conforming to MIL-STD-704E and RTCA DO-160E
- Power, ground and data I/O are provided on an industry standard 25-pin D-Subminiature connector, while data distribution is controlled by jumpers on the 15 pin D-Subminiature connector.
- Operating Voltage +10 to +33Vdc
- Operating Current: 20mA (one output) / 60mA (ten outputs)
- Operating Temperature Range: -40° to +70°C
- Operating Altitude Range: -1200 to +100,000 feet
- Weight: 3 oz. (Mounting tray and knob adds 1 oz.)



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