

CSE232-Y

RS232 Three-Wire Serial Port Passive Isolation Remote Transceiver



- Support RS232 serial port signal isolation protection and transparent data transmission
- Support 300bps~28800bps baud rate, used in pairs, the longest transmission distance can reach 3km (300bps)
- Unique serial port protection circuit, hot-swappable
- Support serial port power taking, no external power supply required
- Support 15kV electrostatic protection and 600W/ms lightning protection
- Compact structure, small size, plug and play, easy to install
- Support wide operating temperature of $-35^{\circ}\text{C}\sim+85^{\circ}\text{C}$ to meet harsh industrial environment

Product Description

CSE232-Y isolated remote transceiver can convert RS232 signals into current loop signals, realize RS232 serial port point-to-point remote communication, and extend the transmission distance of the serial port. The longest transmission distance can reach 3km. The serial port complies with the EIA/TIA RS232 standard and provides isolation protection, anti-static and lightning protection can improve the reliability and stability of the communication system. Power is obtained through the serial port, no external power supply is required, and the unique serial port protection circuit can be hot-swapped when powered. The hardware adopts low power consumption and wide temperature design, has high and low temperature resistance, and can operate stably in a temperature environment of $-35^{\circ}\text{C}\sim+85^{\circ}\text{C}$. It can be widely used in power systems, industrial automation control, remote control systems, and consoles. etc.

Technical Specifications

Specification	
Serial Port	1 *RS232 serial port (TX, RX, GND), using DB9F 1-way current loop signal interface, using DB9M/4-position terminal block
Baud Rate	300bps-28800bps
Communication Distance	3km (300bps)
Input Voltage	Serial port power
Working Current	<10mA
Dimensions	87×33×17mm (Including terminal blocks)
Weight	36g(Including terminal blocks)
Operating Temp	-35°C~+85°C
Electrostatic Protection	15kV
Lightning Protection	600W/ms
Certification	CE, FCC, RoHS

Ordering Information

Standard Model	Conversion Mode	Transmission Rate	Transmission Distance	Power Supply
CSE232-Y	RS232 to RS232	300bps~28800bps	3km	Serial Port Power



Contact Us

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