RS232 Interface Family
RS232 Current Loop Converter

icCL-2

Current loop devices use current on or current off to transmit binary digits. The icCL converter interfaces RS-232 systems to 20mA or 60mA current loop ports with open circuit voltages up to 30 V. This series of converters works without any external power supply. All the units are very easy to implement. Simply connect the appropriate interface cable and select the DCE/DTE type.
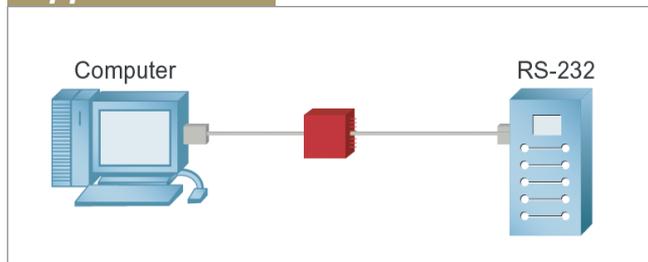
Features

- Electrically converts ASYNC RS-232 to Current Loop
- Full duplex, 19.2kbps to 400ft
- Baud rate up to 128kbps
- Current Loop connection by 4 screw terminal
- DCE/DTE switch selectable
- 20/60mA switch selectable
- External DC power required

Specifications

Data rate	Up to 128Kbps
Connector	RS232: DB25F or DB25M
	Current loop: 4 screw terminal block
LEDs	TD, RD
Power	DC 9V in
Power Consumption	< 6W
Dimensions (D x W x H)mm	54 x 76 x 20mm
Weight	60g
Temperature	0~50°C (Operating) ,0~70°C (Storage)
Humidity	10~90% non-condensing

Application

Ordering Information

RS-232 Current Loop Converter

- icCL-2 / M   RS232(DB25M) Current loop ; 4 Screw Terminal Block, [DC Power required], DC In 9V / 300mA
- icCL-2 / F   RS232(DB25F) Current loop ; 4 Screw Terminal Block, [DC Power required], DC In 9V / 300mA