


ISC1233 PASSIVE LOOP POWERED ISOLATOR

 The **TEKON ELECTRONICS ISOLATORS AND SIGNAL CONVERTERS** are specifically designed to meet the most rigorous requirements of operation in the industrial process environments. Due to their reduced dimensions they can be easily installed in junction boxes or in the control cabinet.

The ISC1233 is a passive loop powered current (4 to 20 mA) isolator specifically designed to overcome ground loops that can cause process measurement inaccuracies. The current applied to the input is repeated on the isolated output. No separate power source is required. The output is powered from the input loop.

The ISC1233 has high load capability, reverse polarity and overload protection, ultra-Low voltage drop and no field calibration is required.



Passive current loop isolator

No external power supply

3KVAC galvanic isolation

Elimination of ground loops

High accuracy and output stability



RELATED PRODUCTS



ISC1234 POWERED LOOP ISOLATOR

The ISC1234 Powered Loop Isolator accepts a process current input and provides an isolated 4 to 20mA process current output signal. Power is received from the input signal current.



ISC1235 0...10V TO 4...20mA POWERED ISOLATED SIGNAL CONVERTER

The ISC1235 converts a voltage signal of 0...10V from the input to a 4...20mA current signal in the isolated output.



ISC1236 4...20mA TO 0...10V POWERED ISOLATED SIGNAL CONVERTER

The ISC1236 converts a current signal of 4...20mA from the input to a 0...10V voltage signal in the isolated output.

