

## Solve Noisy Signal Issues



AutomationDirect's high-speed FC-ISO-D optical isolators provide the versatility to solve various interface problems between an incremental encoder signal and a PLC, servo drive or other input devices. The company says that the isolators are:

- Ideal for use with single-ended or differential line driver encoder signals.
- Designed with three complementary open collector outputs rated for 5-36 VDC that can be used in single-ended configurations.
- Able to offer optical isolation rated at 1800V, which separates the input signals from the outputs.
- Able to convert a differential line driver encoder signal to an open collector single-ended signal, or change encoder signal voltage to match receiving electronics input.
- Ideal for use with encoders and servo drive encoder signal inputs and outputs.
- Characterized by three differential line driver outputs rated for 5VDC, with 1800V optical isolation.

[www.automationdirect.com/signal-conditioners](http://www.automationdirect.com/signal-conditioners) [1]

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[1] <http://www.automationdirect.com/signal-conditioners>