

### Signal Transmitters, Isolators and Converters

#### Protect Your Loop With Area Isolation

**Problem:** The signal from our field transmitter is sent to both our DCS and a PLC in a remote area. The trouble is that disconnecting the leads at the PLC results in a loss of signal to both.

**Solution:** Installing a buffer, like the SIY PC-Programmable Signal Isolator, prevents a failure at the PLC from propagating to the DCS. It also breaks the common galvanic path, effectively eliminating development of a ground loop.

#### Model Number Example

SIY / PRG / 4-20MA / 10-42DC [DIN]

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