

Signal Transmitters, Isolators, and Converters

S6: 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. Trouble is, disconnecting the leads at the PLC results in 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]

