**Stop Ground Loops**

**Problem:** We’re experiencing signal drift between the 4-wire field transmitter and the grounded receiver on our newly commissioned loop. What’s causing this problem?

**Solution:** The difference in potentials between two grounded, non-isolated devices may result in a ground loop. Installing an SIY or ECT to break the galvanic path prevents the effects of ground loops, motor noise and electrical interference.

**Model Number Example**

SIY / PRG / 4-20MA / 10-42DC [DIN]
ECT / 4-20MA / 4-20MA / 12-42DC [DIN]

SIY Signal Isolator breaks the galvanic path to stop ground loops

Go to Signal Transmitters, Isolators and Converters Selection Guide

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