**Recommendations**

1. System designers should verify the ISA voltage drop has been allowed for within the system design and ensure that instruments can operate to design parameters of the system.
2. Verify the supply voltage at any loop powered instrument is within its operating parameters.

**Options**

1. Reduce system impedance (shorter cabling or relocate power supply)
2. Replace the ISA with a lower impedance version.
3. Increase supply voltage (Replace power supply if feasible)

**DISCLAIMER**

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