

Signal Transmitters, Isolators, and Converters

S5: Boost Power to An Overloaded Loop

Problem: We need to add a 250 ohm load (PID controller) to our temperature loop. However, this would exceed the 600 ohm loop maximum. Is there an inexpensive way to get around this problem?

Solution: The low input impedance (25 ohms) and high drive capability (600 ohms) of our 2-wire ECT provides the increased capacity you need for your loop. You'll have room for the new PID controller as well as future expandability.

Model Number Example

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

