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FIELD TRANSMITTER BUILT-IN TEST EQUIPMENT

ABSTRACT OF THE DISCLOSURE

An improved error detection for microprocessor-based transmitters in two-wire process control loops operating in the process control industry. In particular, techniques are shown which are useful in solving malfunctions or failures of microprocessor-based transmitters. When the transmitter (6) is energized, the impedance of the process loop cabling is resolved and stored, displayed or transmitted as desired. The loop impedance is used to calculate potential of a power supply used to power the control loop. this information is used in testing the two-wire loop.

This Sheet Has Been Replaced

