

Pressure switch testing— manual approach



Accurate calibration of pressure switches is a critical step in ensuring process quality and the safe operation of equipment. The setup is similar to pressure gauge calibration except now a voltage or continuity across a set of switch contacts needs to be read either by a (Digital Multimeter) DMM or the calibrator. The purpose of the calibration is to detect and correct errors in the set point and deadband of the pressure switch. Calibrators can save you time by reducing steps and reducing the amount of equipment you have to bring to the job. With the right calibrator the entire process can be automated.

Suggested test tools



Fluke 754
Documenting
Process
Calibrator-HART
See pg 5



Fluke 719Pro
Electric Pressure
Calibrator
See pg 11



Fluke 3130-G2M
Portable Pressure
Calibrator
See pg 14



Fluke 750P Series
Pressure Modules
See pg 12



Fluke 700PTP-1
Pneumatic
Test Pump
See pg 23