

6270A Pressure Controller

Adding an Isolation valve to the CPS drivers connector

FLUKE®

Calibration

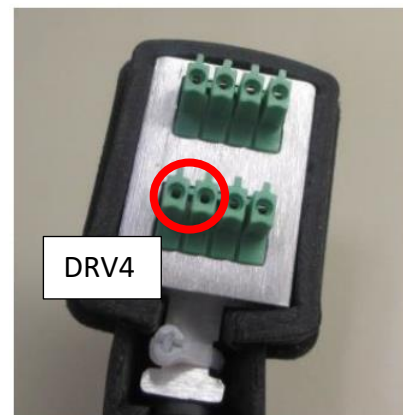
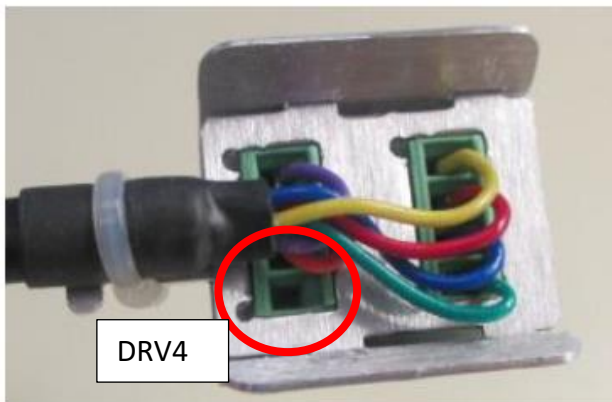
This information is intended for Fluke Calibration customers trained on the use of 6270A pressure controllers

Purpose

This document shows how to add the External Isolation Valve (PK-VALVE-20M) to the drivers connector of the Contamination Prevention System (CPS-20M)

Instructions

The below images show the driver connector from the CPS to the 6270A, with and without the black rubber boot installed. Note that the terminals to driver 4 (DRV4) are empty (bottom right two terminals when looking at the connector plugged into the DRIVERS connection on the back panel of the 6270A. See *Figure 18 Driver Location* in the 6270A Operator's Manual.



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Electrical	RF	Temperature	Pressure	Flow	Software
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To add the wires from the External Isolation Valve to the CPS drivers connector

1. Pull the boot off the CPS drivers connector metal bracket and slide it down the cable
2. Cut the cable tie securing the CPS wires to the metal bracket and discard the cable tie
3. Remove the wires from the isolation valve's 2-position connector and set the connector aside
4. Insert the two wires from the isolation valve through the bottom of the boot and connect them to the DRV4 terminals on the CPS drivers connector
5. Use a cable tie to secure all wires to the metal bracket
6. Slide the boot up the cable and position it on the metal bracket as it originally was

Notes

Refer to the following sections in the 6270A Operator's Manual

Contamination Prevention System (CPS)

External Driver Communication

External Isolation Valve

System Stacking

End of Instructions

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