

SPD wiring suggestions

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The SIGLENT SPD series of power supplies have only positive voltage and current setpoint values. That is, you can select voltages or currents that are from 0 to the max value (0-32 V, for voltage.. as an example for the SDP3000X/X-E).

Here are the suggested wiring configurations to achieve both positive and negative potentials at the device-under-test (DUT):

NOTE: It is critical to select wire that can handle the full current and voltage of the supply. You can find numerous wire gauge recommendations, but here is one from Engineering Toolbox: https://www.engineeringtoolbox.com/wire-gauges-d_419.html

Floating Wiring Configuration:



Grounded Wiring Configuration:





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