

W300 Series 4-20mA Option Board (190744) Installation

This isolated 4-20mA option board can be added to any W300 Series Walchem controller either at the factory or in the field.

Installing on a W300 Series Power Supply Board

CAUTION: In addition to turning the power switch on the front panel to the OFF position, disconnect power to the controller completely before opening the front panel.

Align the receptacle and mounting holes on the option board with the header J2 and the two mounting standoffs as shown in figure 1 below.

As you mount the option board, be certain that the header and receptacle engage properly.

Return power to the controller. A 4-20mA menu should now appear. Consult controller Instruction Manual for further configuration details.

Installation on a W300 Series Option Board

CAUTION: In addition to turning the power switch on the front panel to the OFF position, disconnect power to the controller completely before opening the front panel.

Align the receptacle and mounting holes on the option board with the header J3 and the two mounting standoffs as shown in figure 2 below.

As you mount the option board, be certain that the header and receptacle engage properly.

Return power to the controller. A 4-20mA menu should now appear. Consult controller Instruction Manual for further configuration details.

Wiring

Connect the instrumentation cable to the two pin connector on the option board. Observe the polarity noted on the label. A 22 to 26 gauge 2 conductor twisted pair cable with a shield and overall jacket is recommended. The shield should be terminated to earth ground at one end only. The cable should be run through one of the unused strain relief connectors on the enclosure. Be sure the outside nut is securely tightened to ensure a watertight connection.

W300 Power Supply Board

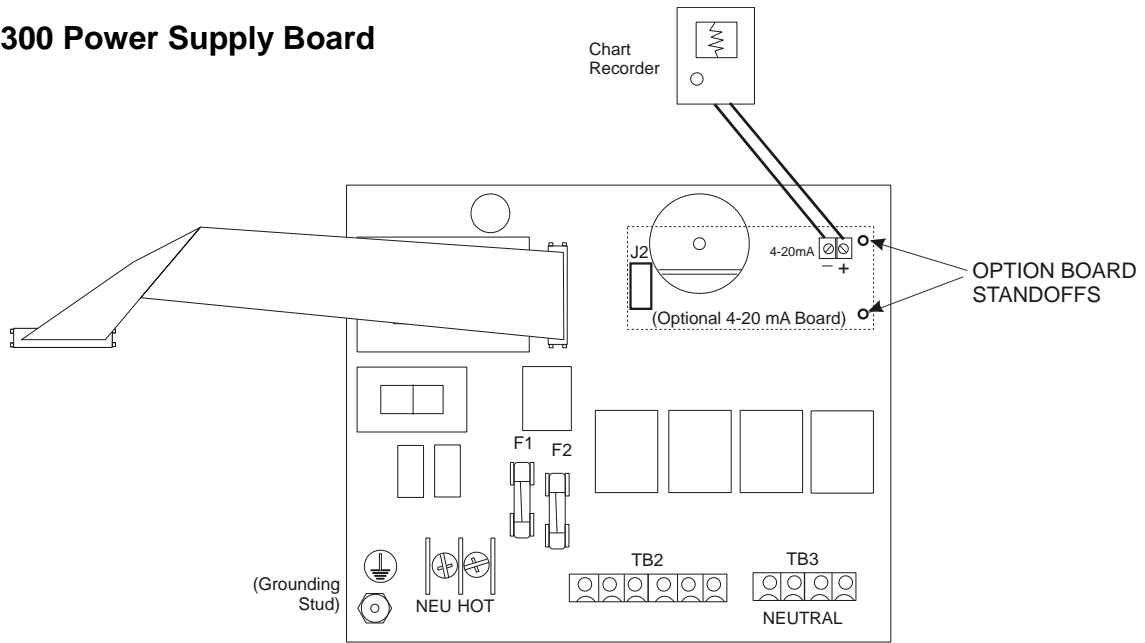


FIGURE 1

W300 Option Board Installed on W300 Front Panel Assembly

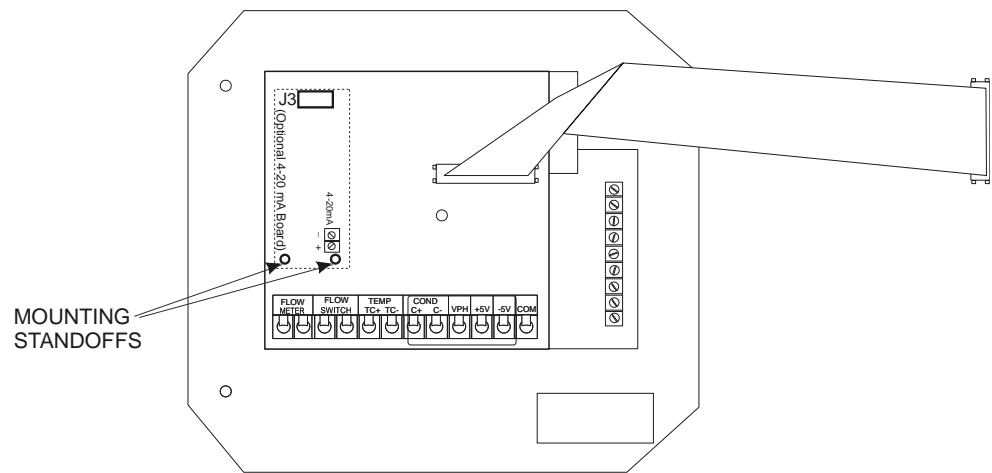


FIGURE 2