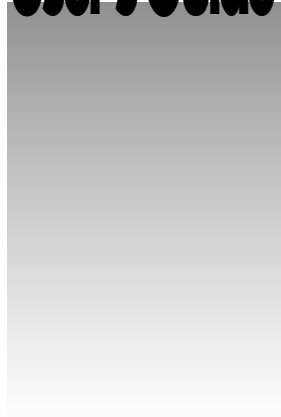


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# User's Guide



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# FLSC790-P-DC External Power Module Installation Sheet



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The information contained in this document is believed to be correct, but OMEGA Engineering, Inc. accepts no liability for any errors it contains, and reserves the right to alter specifications without notice.

**WARNING:** These products are not designed for use in, and should not be used for, patient-connected applications.

## External Power Module Installation Sheet

The FLSC790-P-DC external power module for the FLSC790-P allows for 9-30 Vdc external power for the pulse output. Internal batteries in the display can be used as an auxiliary power source.

This external Power Module Kit is designed as an additional supplemental module to the Pulse Access Module, Part Number FLSC790-P. When installed, this kit provides external power only or external power with a frequency output.

This FLSC790-P provides a digital open collector signal. The frequency of the signal is determined by the turbine's K-factor, which is etched on the turbine, and flow rate. Reference the illustration below as necessary.

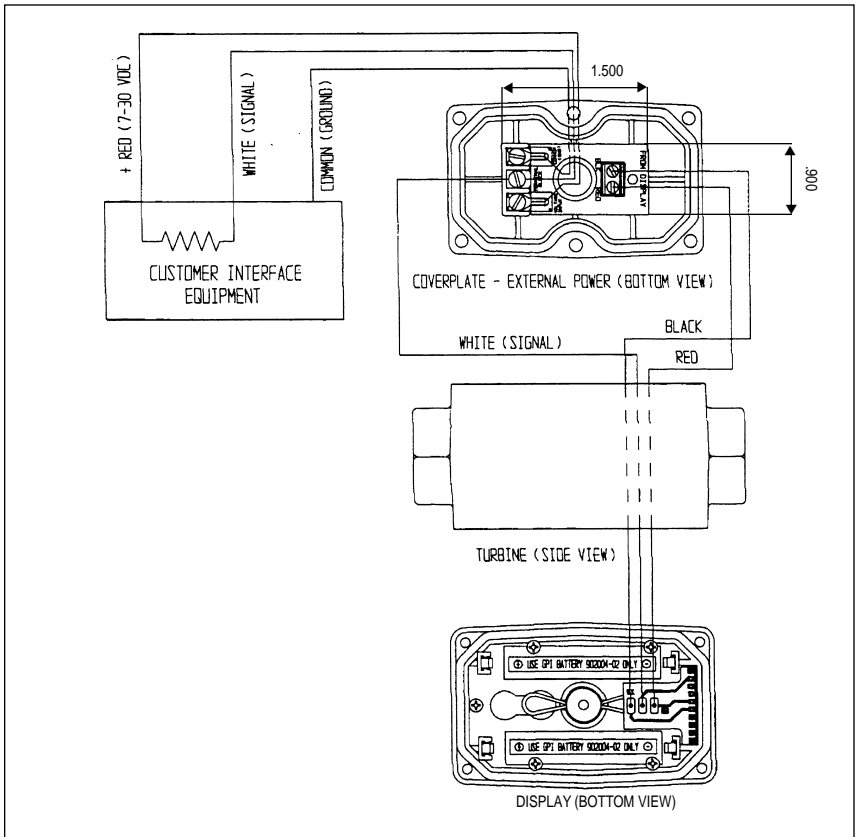
**NOTE:** This External Power Module is not FM Approved. Use of this module with approved metering systems voids FM Approval.

Refer to the instructions provided with the Pulse Access Module and install that module up to and including Step 7.

At that point, install this External Power Module to the back of the coverplate using the terminal strip molding in the coverplate. Insert the spade connectors under two outside terminals and tighten the screws.

Connect the red and black wires from the display to the terminal block on the External Power Module. Connect incoming power wires to the terminal strip with the spade connectors. If a signal is desired, connect the white wire from the computer to the incoming wire using the center terminal in the terminal strip.

Use an 820 ohm (minimum) pull-up resistor if the customer interface device is not equipped.



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