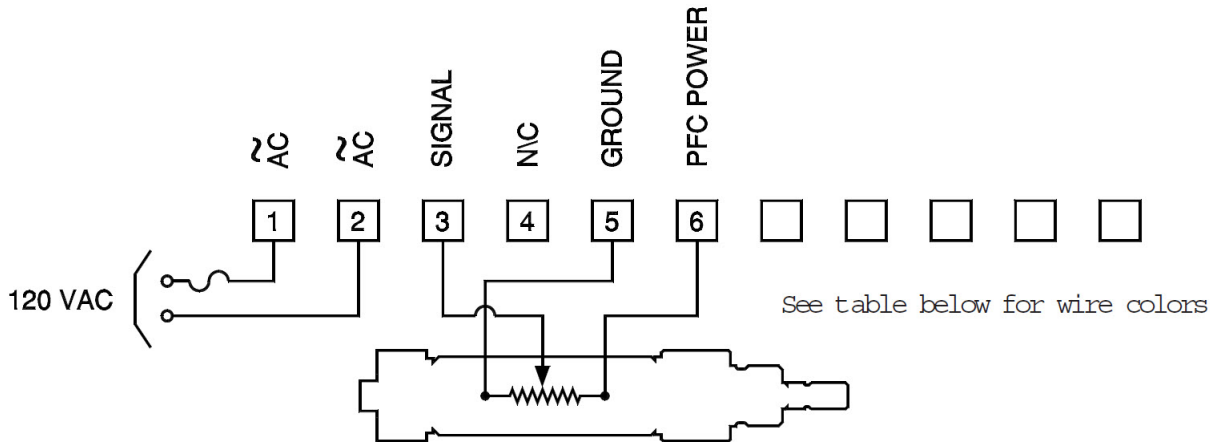




# PFC Quick Start Guide for DPM

## Step One

— Connect PFC to DPM per diagram:



## Step Two

— Connect DPM to 120 VAC at **1** & **2**.

## Step Three

— Calibrate PFC to DPM. This will calibrate DPM to readout in desired units, such as displacement.

— Press **PAR** button - **Pro** appears on display

— Press **F1▲** button - **1-inP**

— Press **PAR** button several times until display reads **SE4LE**

— Press **F1▲** to **RPLY**, then **PAR**

PFC wire colors			
connect #	wires	6" leads	plug
6	PFC power (input)	red	blue
5	ground	black	black
3	signal (output)	white	brown

The information presented is in Bimba's best engineering opinion and should be used for reference only. Recommendations derived should be verified under actual operating conditions. Bimba reserves the right to change specifications without prior notice.

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✓ Be careful not to press **DSP**, this cancels program mode. Pressing **DSP** more than once will cause display to change to max., min., or tot.

- Retract cylinder to zero position, let display settle. After cylinder is retracted and display settles, press **PAR** to accept voltage input for zero readout. (The display will alternate between **1- inP** and voltage reading.)
- After **PAR** is pressed, display alternates between **dSP I** and display value.
- Press **F1▲** or **F2▼** until display reads required display value (typically zero).
- Press **PAR** to accept retract value.



Note: Press **RST** and **F1▲** or **F2▼** together to make display count faster.

- Extend cylinder to full scale position, let display settle. The display will alternate between **inP2** and voltage reading. Once voltage display is steady, press **PAR**. This accepts voltage input for full scale readout.
- Press **F1▲** or **F2▼** until display reads desired value. This may be full scale value of cylinder or gage point. Press **PAR** to accept full scale value.

#### **Step Four**

- Press **DSP** to end program mode.

Your unit is now calibrated to the PFC. You can verify this by retracting unit to your zero point and check display. Then extend to full scale point and check display. The display readings should correspond to the calibration values.

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Analog Output Calibration  
For DPM units with an analog output card  
(Set analog output to 0-10 VDC)

**Step One**

- Connect output wiring to **16** V+ and **17** GND.

**Step Two**

Sets analog output 0-10 VDC full scale

- Press **PAR** , then **F1▲** until **B-Out** appears on display.
- Press **PAR** three times until **AN-LD** . Press **F1▲** or **F2▼** to zero on display.
- Press **PAR** until **AN-HI** displays, then press **F1▲** to match full scale on display.

For example: if 6.000 is full scale from section **I- inp** then enter 6000 in **AN-HI**

- Press **PAR** to accept **DSP** to end.

This sets output to 10 VDC when display shows 6.000

Refer to DPM Manual (DPM-498) for further details.

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