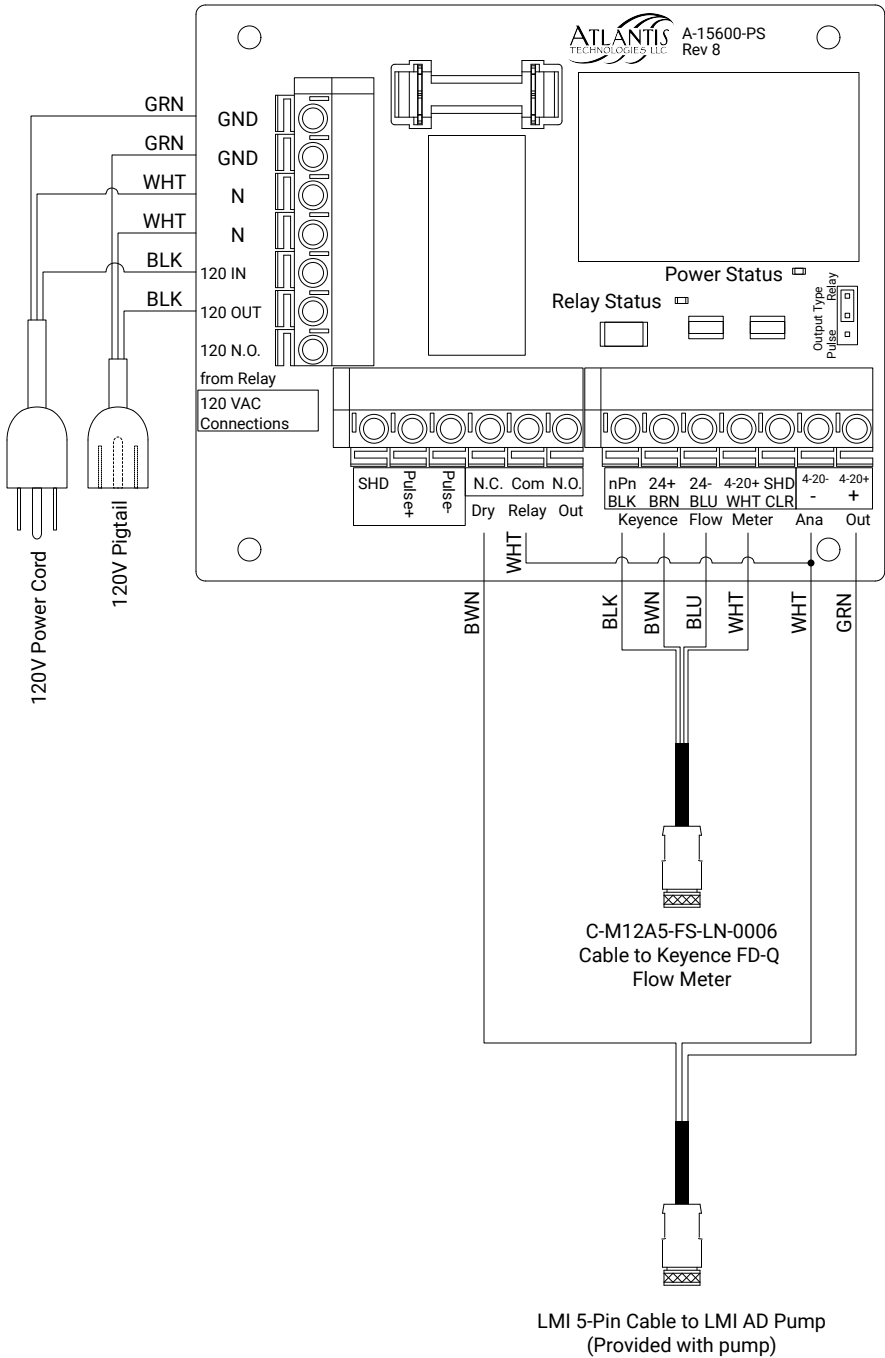


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A-15600-PSW-KW Keyence FD-Q & LMI AD Pump Wiring



**To remotely control the pump speed using a 4-20mA signal, disconnect the WHT & GRN wires from the 4-20mA output terminals on the A-15600-PS power supply and wire the new 4-20mA wires with + to GRN and - to WHT.

IMPORTANT: The WHT negative wire must remain connected to the Relay Com terminal on the A-15600-PS power supply to allow the start/stop low water signal to function properly.

Drawn By	BLB		Project			
Date	5/26/26		Atlantis MDS Polymer System w/ LMI AD Pump (Power Supply Rev 8)			
Applies to S/N:	-		Assembly #		A-15600-LPN-010	
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		2525 Quicksilver Rd McDonald, PA 15057 724-695-2900				

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LMI AD Pump Settings 1. Press the mode selection button while the pump is off to place the pump into 4-20mA speed mode. The light will flash yellow once the pump is on and controller in remote 4-20mA mode. Mode Selection Button : For pumps with external control capability (AD8, AD9) this button switches pump operation between internal and external modes. When operating in internal mode the Pulse Indicator Light will flash green while pumping. When operating in external mode the Pulse Indicator Light will flash yellow while pumping. Keyence Flow Meter Settings Initial Setup 1. Starting Screen shows P-n 2. Hold MODE + Up 3. Unit = G 4. P-n = nPn 5. Ch.2 = AnLG 6. dir = R 7. ¾ PiPe 8. End – Press MODE Full Setup (After Initial Setup Hold MODE) 1. out 1 = Std 2. nonC = n.C. 3. AnLG = 4-20 4. A-Lo = 0.0 5. A-Hi = See Chart 6. SPd = 5.0 7. ttL = 1 8. End – Use Arrows to Show FuLL – Press MODE 9. rESo = 0.1 10. AuE.d = 1 11. HYS = 0.3 12. cut = 0.5 13. Led = Grn 14. Eco = oFF 15. tEst = oFF 16. Loc = Std 17. dir = r 18. ¾ PiPe 19. AdJ = SEL 20. Sch = 80 21. End – Press MODE Low Flow Switch Point 1. Using the arrows on the main screen of the Keyence flow meter, set the bottom switch point value to 0.5 GPM. *Bold shows values changed from Keyence default. *A-Hi is set for 1% ratio by default. To reset hold MODE and press Up 5x. <tr><td colspan="10"> Keyence A-Hi Setting = $\frac{\text{Neat Polymer Pump Max Capacity (GPH)} * 100}{\text{Target Solution \%} * 60}$ Keyence A-Hi Settings for 1% Solution* <table><tr><td></td><td colspan="8">Neat Polymer Pump Max Capacity (GPH)</td></tr><tr><td></td><td>0.5 GPH</td><td>1.0 GPH</td><td>2.0 GPH</td><td>2.3 GPH</td><td>4.0 GPH</td><td>4.5 GPH</td><td>8.0 GPH</td><td></td></tr><tr><td rowspan="7">Target Solution %</td><td>0.50%</td><td>1.7</td><td>3.3</td><td>6.7</td><td>7.7</td><td>13.3</td><td>15.0</td><td>26.7</td></tr><tr><td>0.75%</td><td>1.1</td><td>2.2</td><td>4.4</td><td>5.1</td><td>8.9</td><td>10.0</td><td>17.8</td></tr><tr><td>1.00%</td><td>0.8</td><td>1.7</td><td>3.3</td><td>3.8</td><td>6.7</td><td>7.5</td><td>13.3</td></tr><tr><td>1.25%</td><td>0.7</td><td>1.3</td><td>2.7</td><td>3.1</td><td>5.3</td><td>6.0</td><td>10.7</td></tr><tr><td>1.50%</td><td>0.6</td><td>1.1</td><td>2.2</td><td>2.6</td><td>4.4</td><td>5.0</td><td>8.9</td></tr><tr><td>1.75%</td><td>0.5</td><td>1.0</td><td>1.9</td><td>2.2</td><td>3.8</td><td>4.3</td><td>7.6</td></tr><tr><td>2.00%</td><td>0.4</td><td>0.8</td><td>1.7</td><td>1.9</td><td>3.3</td><td>3.8</td><td>6.7</td></tr><tr><td colspan="9">*All Atlantis polymer systems are factory configured to produce a 1% solution.</td></tr></table> <tr><td colspan="10"> Drawn By BLB Date 5/26/26 Applies to S/N: - THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF ATLANTIS TECHNOLOGIES LLC. 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