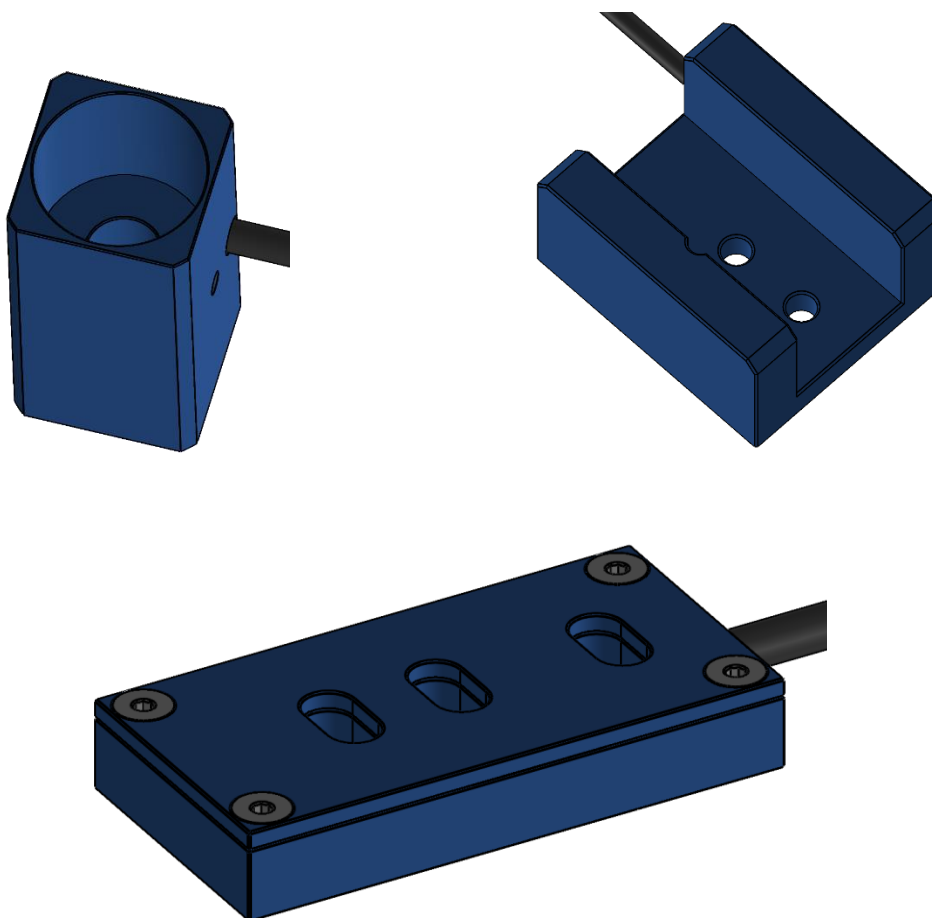


QUICK GUIDE

HEATERS



DESCRIPTION

In this quick start guide we want to explain how to connect heater wires to a controller.


ATTENTION!

A maintenance technician is required to carry out the process. If you are not careful, you risk causing damage to the control unit, for which DAV Tech is not responsible.

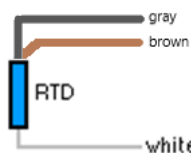
Heaters are used to keep the final part of the dosing block, i.e. the dosing valves, at a constant temperature. These are generally used together with heated hoses and electric blankets for fluids particularly susceptible to temperatures, for which it is necessary to keep it at a constant temperature even inside the dosing valve (please notify the technical department for fluids at temperatures above 50°C). Here are some technical notes regarding heaters:

SPECIFICATIONS		
Description	UdM	Values
Electrical Characteristics		
Continuous supply voltage	V	24
Absorbed current	A	2
Connector type	\	M8 5 Pin Male
Thermal Characteristics		
Working temperature range	°C	30 ÷ 60
Mechanical characteristics		
Materials Used	\	Anodized aluminum
Types of valves		
DAS-HEATER	\	DAS 30 ⁽¹⁾
DAV-HEATER	\	DA 400 ⁽²⁾
		DAV ⁽³⁾
DA-HEATER	\	DA 500
Type of fluids		
Greases of various viscosities, depending on the application		

⁽¹⁾ For use with the DAS 30 with a minimum extension of 100mm;

⁽²⁾ DA 400 and similar models (DA 400 EVO, DA 400 EV)

⁽³⁾ It can be adapted to the various models of the DAV (100, 200, 300 and 400), although it can move on the sides

CONNECTION FEATURES		WIRING DIAGRAM PT100 – 3 WIRES
Cable color	Utilization	
BLACK	24VDC resistance	
BLUE	0VDC Resistance	
GRAY	PT100 Phase	
WHITE	Mass PT100	
BROWN	PT 100 Compensation	


DANGER!

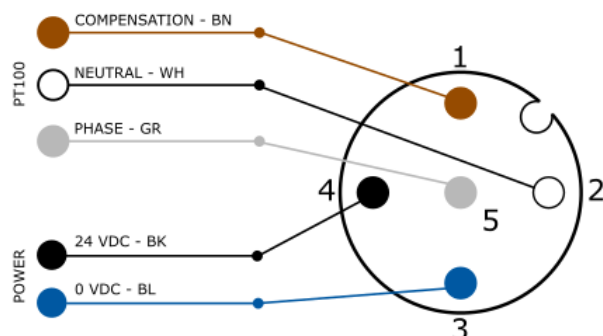
Pay attention to direct (DC) wiring, as if you reverse the cables, you will damage the component, which can permanently damage it and cause fire.


ATTENTION!

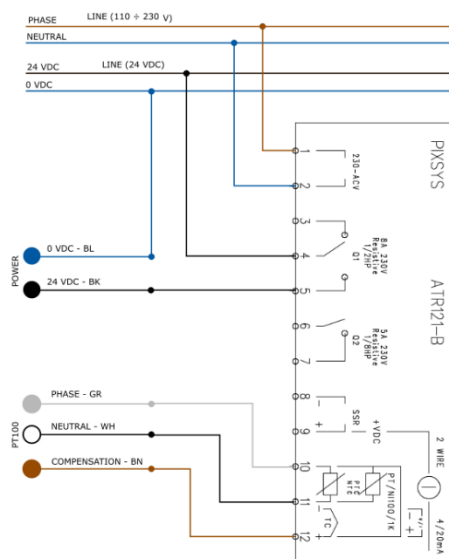
You are asked to work in the absence of voltage when wiring

WIRING

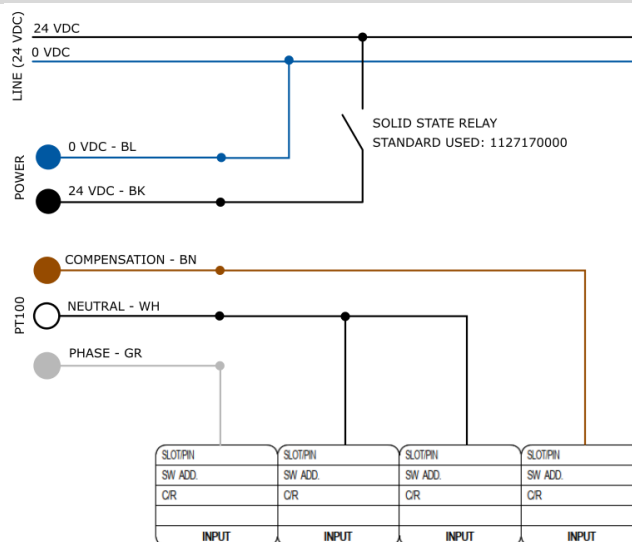
CONNECTING TO CONTROLLERS



CONNECTING TO PIXSYS



CONNECTION TO PLC



APPLICATION NOTES:

1. For PLC connection, you need to see the schematic of the project to understand where they need to be connected precisely. If it is an external wiring diagram, ask the manufacturer for more information.
2. A PIXSYS model powered by 24 VDC can be requested. In this case, the PIXSYS wiring 01 should be connected to 24 VDC, while the 02 wiring should be connected to 0 VDC

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