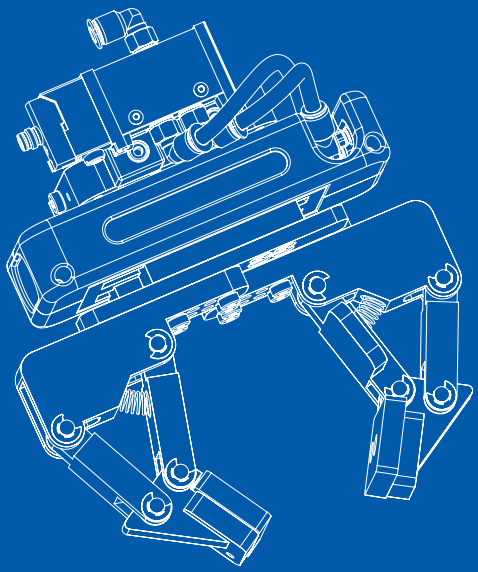


Active Compliant Parallel Gripper

Set Up Guide for Sawyer Robot with Moxa ioLogik E1212

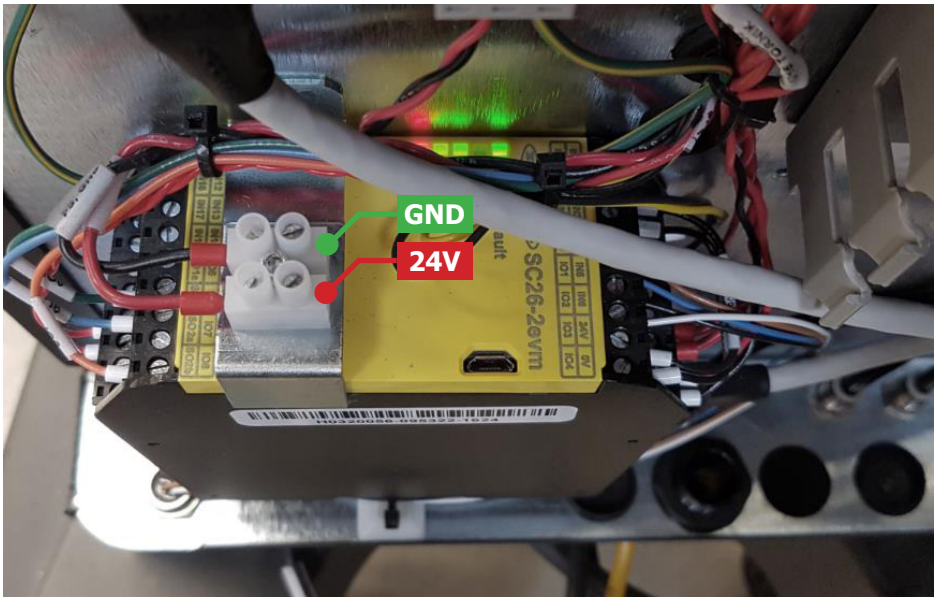
Active Compliant Parallel Gripper

ACTIVE8 ROBOTS

Set Up Guide for Sawyer Robot with Moxa ioLogik E1212

Power down the robot and unplug from mains power supply BEFORE wiring in the sensors and the solenoid into the Moxa IO unit.

Refer to the electrical diagram below. Use crimp pins.
24V and GND connections can be accessed at the top of the safety controller.

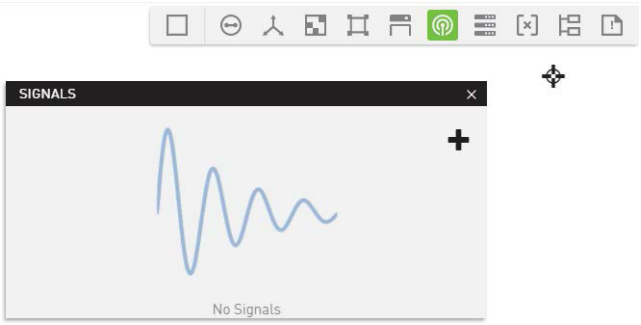


Use caution when connecting air lines. Make sure the hoses are firmly inserted into connectors.

The Festo J802 solenoid valve requires a minimum of 2.5 bar air pressure to operate and up to maximum of 7 bar.

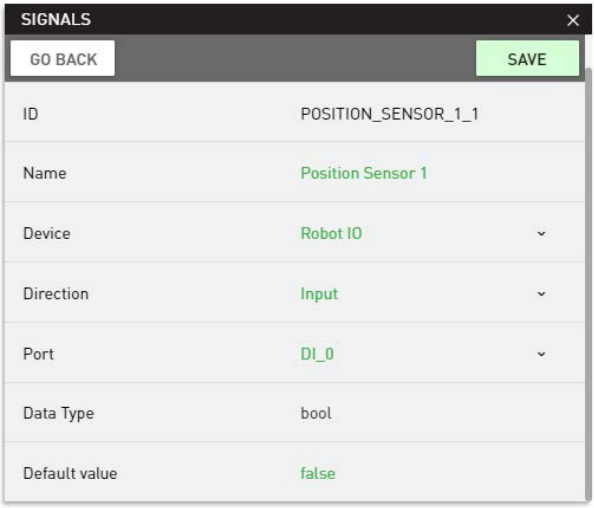
Sawyer Intera 5 Signal Configuration

1. In Intera Studio open Signals tab

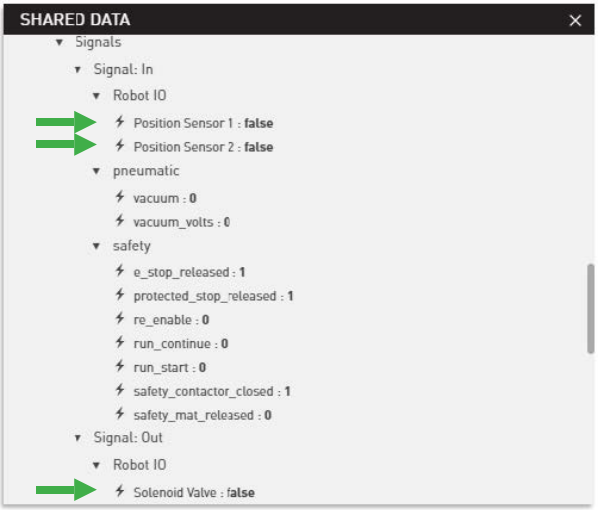


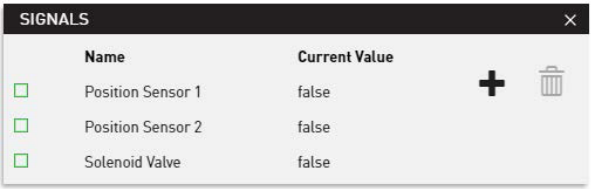
2. Click "Add Signal" " (Intera 5.2 and above will have signals pre-configured)

- Name the signal, select Robot IO as device
- Select Direction as Input for position sensors; Output for the solenoid valve.
- Select Port DI_0 and DI_1 for sensor inputs, DO_0 for the solenoid valve



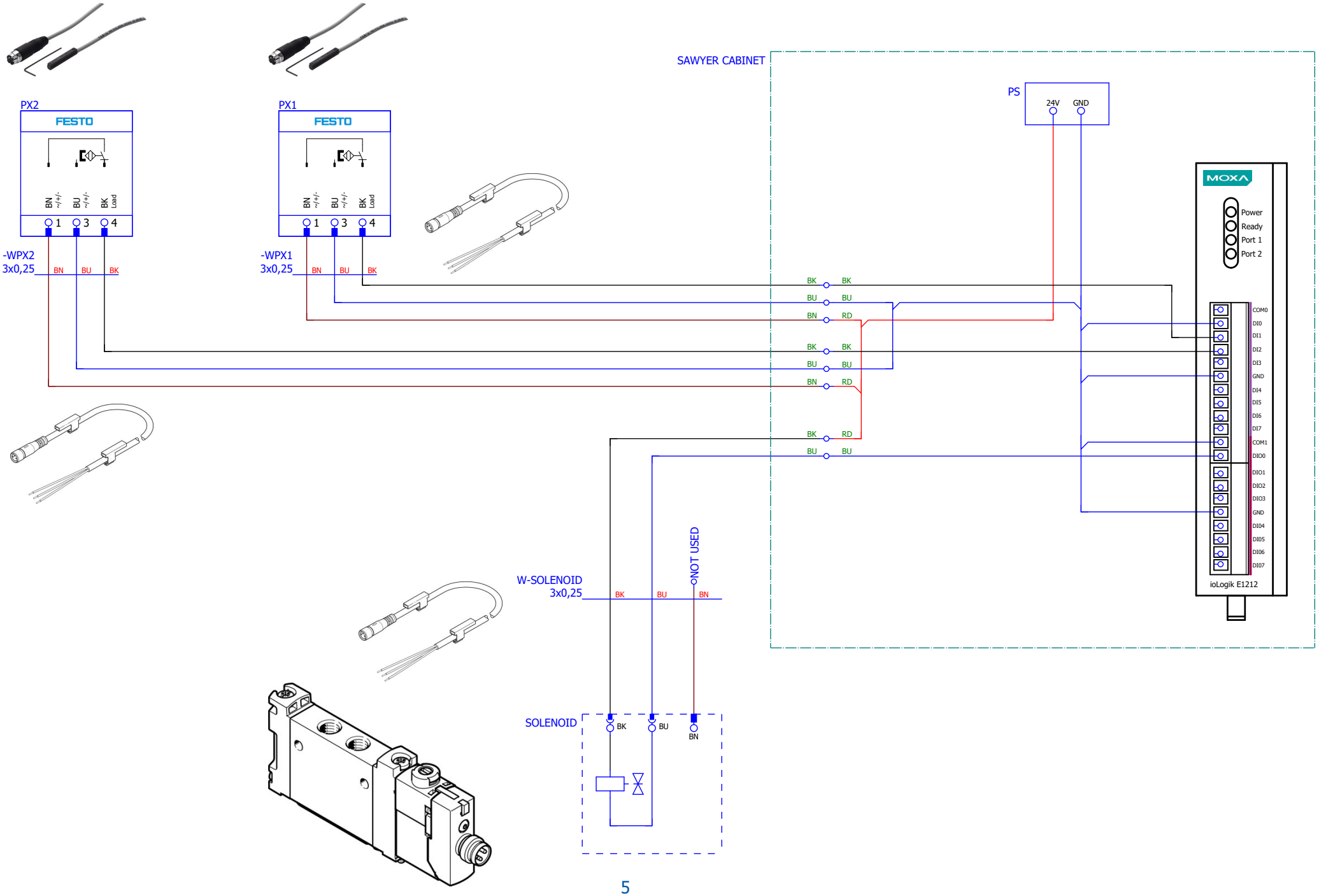
Completed signal setup in Shared Data and Signals tabs





3. Configure the Active Compliant Parallel Gripper in Sawyer's Tooling Gallery following the guide here: Configuring Custom End of Arm Tooling

Active Compliant Parallel Gripper



Thank you for choosing the Active Compliant Parrallel Gripper.

This supplement provides you with information relating to the Active Compliant Parallel Gripper and is correct at the time of publishing.

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