

HMI/Modbus Panel

With the PKJ Robotics HMI/Modbus Panel for industrial use, you have the opportunity of adding digital input and output sensors to your Panda and simulate signals on the 5,7" HMI screen.

With the default program installed on the PLC, you can in combination with Apps like MODBUS WAIT and MODBUS SET use HMI buttons as Start and Stop when the robot is in run mode and add a counter for how many runs you would like from the HMI and see the total time for how long the program has been running.



Connection

Connect the Box with an ethernet cable to your robot network and upload the supplied Modbus JSON file to your robot and you are good to go. Or edit the IP of the PLC on the HMI and in the JSON file so it fits your particular network.

Use the USB port to upload a custom PLC program (*Not included - Contact PKJ Robotics*)

IO

The HMI/Modbus Panel comes with a preinstalled Murr module with 5 digital input and 3 digital output (10 in and 6 out if you use a Murr T-Coupler)

The PLC is setup with 16 input and 16 output you can control directly on the HMI over Modbus for simulation and further additional signals fixed to preinstalled features like Start and counter.

The PLC has the opportunity of switching to Analog Input/Output and PWM signals which require changes in the wiring to the Murrmodule and a new setup of the PLC (*Not included*)

Technical data

GENERAL	
Dimensions (L x W x H)	271x230x98mm (200x200x98mm)
Weight	~ 4kg
PLC	Pro-face LM4301
HMI	Pro-face LT-4000M
Murr	EXACT12, 8xM12, 5POL.
Power supply	230V+PE / 50Hz
IP Class	IP65
Ambient temperature	5-35 °C

Contact

For further information contact PKJ Robotics
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