

Software "CKD Pneumatic Gripper" Operation Method

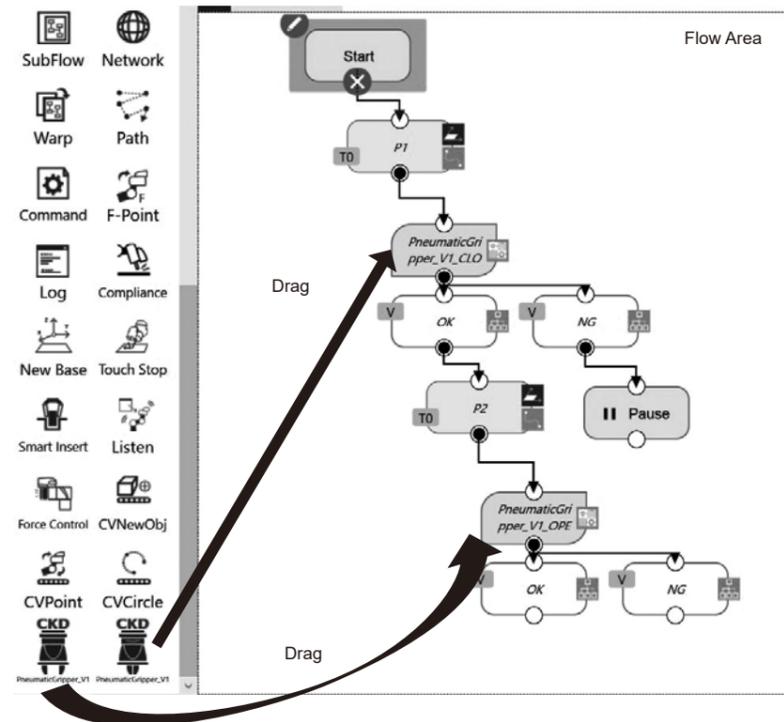
This is an overview of how to operate the dedicated software "CKD Pneumatic Gripper" for this product. For details, please refer to the robot manual and this product's instruction manual.

Software Installation

Download the Plug & Play software package from Omron's website (<https://www.omron.co.jp>) or CKD's website (<https://www.ckd.co.jp/en/>) and import the files according to the instruction manual.

Program Screen

The gripper's opening/closing directions are displayed as icons. Drag icons to the flow editing area to set digital I/O.



Graphic Display

Displays the gripper's OPEN/CLOSE status and the operating status of the built-in cylinder switch with color changes.

Node Screen

Set the directional control valve's digital I/O, gripper open/close timeout, and waiting time after workpiece gripping.

GRIPPER_CKD_ ? X
PneumaticGripper_V1_CLOSE

Provider: CKD

Node name: PneumaticGripper_V1_CLOSE1

DO_Setting >

Closing_Wait_Time_Setting >

Wait_time >

Control box

DO: 0 1 2 3 4 5 6 7
8 9 10 11 12 13 14 15

Time

Standby time: ● 1000 ms

Time

Standby time: ● 1000 ms

CLOSE Digital I/O Setting
Arbitrarily set the digital I/O of the directional control valve to actuate CLOSE.

CLOSE Time Timeout Setting
Set the time to display an error if the gripper closing time exceeds a specified number of seconds.

Waiting Time Setting after CLOSE Time
Set an arbitrary waiting time after the gripper closes to stabilize its operation.

*Settings are the same for OPEN.