

Installation Instructions

CC-PCNT05 51308592-176

C300 process controller

Honeywell Experion PKS control systems

Before work begins

- 01 Confirm the exact CC-PCNT05 51308592-176 article number and installed equipment position.
- 02 Place the equipment in a safe state, isolate all energy sources and follow the applicable Honeywell discharge or lockout procedure.
- 03 Record terminals, connectors, signal cables, cooling provisions and protective-earth conductors.
- 04 Use ESD controls and qualified industrial-service personnel throughout the replacement.

Model-specific connection checks

Model Number	CC-PCNT05
Part Number	51308592-176
Controller Family	C300
Supply Voltage	24 V DC
Operating Range	18 to 32 V DC
Power Consumption	15 W typical
Operating Temperature	0 to 60 °C
Storage Temperature	-40 to +85 °C
Relative Humidity	5 to 95% noncondensing
Control Network	FTE redundant Ethernet

Installation sequence

- Inspect the replacement for transport damage, contamination, bent pins and altered keying.
- Install without forcing connectors or terminals; restore all shields, grounds and cooling provisions.
- Secure power and signal connections under the applicable manufacturer procedure.

Commissioning and return to service

- 01 Experion PKS.
- 02 Check insulation and protective-earth continuity before energising..
- 03 Restore auxiliary and main power in the approved sequence..
- 04 Observe controller, interface and equipment diagnostics..
- 05 Test the connected signal, network, motor or power function at a controlled operating point..
- 06 Record the final article number, test results and maintenance approval..

This AMIKON installation reference supplements the applicable Honeywell controlled documentation and the site safety procedure.
Warranty: 12 months from AMIKON.