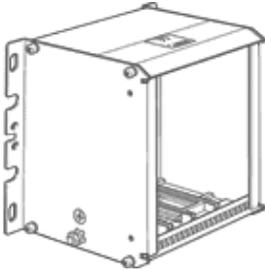


# Axis controller housing SPC200-CPU-4

Part number: 170173

FESTO

For 4 plug-in positions.



## Data sheet

Feature	Value
Number of motion sets for set selection	Max. 32 via local I/Os Max. 1000 via fieldbus
Total number of positioning axes	4
Number of position registers per axis	100
Number of index registers	100
Number of flags	64
Number of backup cycles	> 100,000
Number of start programs	2
Command classes	Positioning commands I/O commands Register commands Sequence commands
Operating modes	Set selection Start/Stop
Operating system	Festo OS 4.6x
Data backup	Flash memory
Max. number of I/Os per AIF string	16 inputs 16 outputs
Max. number of I/Os via fieldbus	64 inputs 64 outputs
Max. number of local I/Os	40 inputs 32 outputs
Max. number of NC sets per program	1,000
Max. number of pneumatic positioning axes	4
Max. number of positioning axes with stepper motor	3
Max. number of programs at start/stop	100
Max. number of NC sets, total	2,000
Type of processor	Digital signal processor
Program and data memory	20 kByte
Program language	NC programming similar to DIN 66025
Control signals at start/stop	ENABLE READY START/RESET STOP RESET MC_A/B SYNC_IA/B SYNC_OA/B
Control signals for motion set selection	ENABLE READY STOP RESET RECBIT1..5 CLK_A/B

Feature	Value
	RC_A/B ACK_A/B
Nesting depth for subroutines	Up to 4
Typical controller sampling time	1.5 ms
Typical control cycle	2 ms
Power supply	Via component power supply
Current consumption, CPU with power supply module	100 mA
Continuous shock resistance per DIN/IEC 68, parts 2 - 82	Tested in accordance with severity level 2
Relative air humidity	0 - 95 % non-condensing
Protection class	IP20 With fully equipped basic unit to IEC 60529
Vibration resistance per DIN/IEC 68, parts 2 - 6	Tested in accordance with severity level 1
Ambient temperature	-5 ... 50 °C
Product weight	675 g