

PARAMETER	CSMIO/IP-S	CSMIO/IP-A	CSMIO/IP-M
Number of axes	6	6	4
Digital inputs number	32	24	12
Digital outputs number	16	16	4
Relay outputs number	-	-	2
Analog inputs number	4	4	2
Analog outputs number	2	6 (+/- 10V) 2 (0-10V)	2
Supply voltage	24VDC +/-10%	24VDC +/-10%	24VDC +/-10%
Power consumption	5W	5W	5W
Maximum voltage on in/out lines	30VDC	30VDC	30VDC
Maximum load of output line	250mA	250mA	250mA
Voltage range of analog inputs	0-10VDC	0-10VDC	0-10VDC
Maximum load of analog output	5mA	5mA	5mA
Axis drives control type	<b>Step/Direction (STEP/DIR)</b>	<b>Analog +/- 10V</b>	<b>Step/Direction (STEP/DIR)</b>
Maximum frequency of STEP signal	<b>4MHz</b>	-	<b>125kHz</b>
STEP signal fill factor	50%	-	50%
PC connection type	Ethernet 10/100Mb	Ethernet 10/100Mb	Ethernet 10/100Mb
Ambient temperature range	0°C to +60°C	0°C to +60°C	0°C to +60°C
Relative humidity (without condensation)	10% - 95%	10% - 95%	10% - 95%
CSMIO-MPG module support	✓	✓	✓
CSMIO-IO module support	✓	✓	✗
CSMIO-ENC module support	✓	✓	✗
Backlash compensation	✓	✓	✗
Homing on INDEX	✓	✓	✗
Slave axes	✓	✓	✗
THC analog mode	✓	✓	✗
Spindle axis	✓	✓	✗
#G32# threading	✓	✓	✗
RIGID TAPPING	✓	✓	✗
Closed Loop Spindle Control	✓	✓	✗
Feedback	✗	✓	✗