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Find the *OMS Motion PCX-6* at our website: ***Click HERE***

OMS' PC3x-Series Intelligent Motion Controllers

[Description] [Ordering]

DESCRIPTION

OMS offers a complete line of ISA bus compatible controllers. Models are available which can manage as many as 8 axes on a single plug-in card. They function as a motion coprocessor within the ISA bus computer. The host application software can be written in any language which has the ability to do I/O. These models occupy a user selectable block of 4 I/O ports within the host. The interrupt level is user selectable or the board may be operated in a polled environment. All connections are brought out to the end of the cards for convenience in system implementation.

PC34 Photo

The PC34 series features LOW COST precision motor control. Up to 4 axes in one 2/3 length PC/XT/AT bus card. Synchronized or independent axes motion. Cosine (S curve), parabolic and linear acceleration/deceleration profiles. Up to 20 bits of user definable I/O are available. Complex move sequences, time delays, status checks and control of other external events can be programmed through the PC34 motion controller.

PCX Photo

The PCX series supports up to 6 axes of precision motor control on one full length PC/XT/AT bus card. This series adds circular interpolation on any two axes. Plus, constant velocity contouring on up to six axes. Encoder feedback is optional.

PC39 Photo

The PC39 offers up to 8 axes of precision motor control on one full length PC/XT/AT bus card. Encoder feed back is available on 2 to 4 axes. Up to 22 bits of user definable I/O is available for sensing and control of external events. The IO38 provides an efficient means of connecting the PC39 I/O signals to external devices, plus 8 separate DB9 sockets for attachment of individual motor drivers.

Detailed specification data sheets are available for each motion control product.

ORDERING INFORMATION

MODEL	AXES OF CONTROL	AXES OF FEEDBACK
PC34-2	2	0
PC34-4	4	0

MODEL	AXES OF CONTROL	AXES OF FEEDBACK
PCX-2	2	0
PCX-4	4	0
PCX-6	6	0
PCX-2E	2	2
PCX-4E	4	2

MODEL	AXES OF CONTROL	AXES OF FEEDBACK
PC39-2	2	0
PC39-4	4	0
PC39-6	6	0
PC39-8	8	0
PC39-2E	2	2

To contact our sales department for pricing and availability or to discuss quantity pricing:
E-Mail to sales@omsmotion.com
Phone: (503) 629-8081
Fax: (503) 629-0688
Or write to:

Oregon Micro Systems, Inc.
Attn: Sales Dept.
1800 NW 169th Place, Suite C100
Beaverton, OR 97006

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PC39-4E	4	4
PC39-6E	6	2

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