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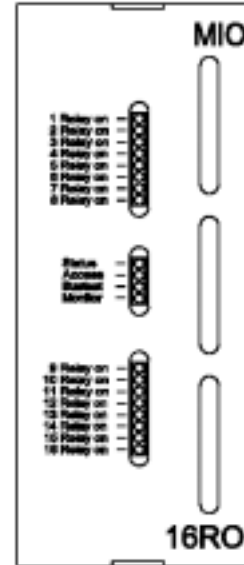
Introduction

Welcome to the 14th issue of our newsletter. The newsletter is used to send product and information updates to our customers on a regular basis.

New Relay Output Module

MACHINEMATE, INC has announced a relay output module for its Modular IO family. The 16RO module (MM72) has 16 individual relays, each with N.O. contacts rated at 24VDC or 110VAC, 3 amperes. The connections to the IO module are the same as the rest of the modules in the family: the pluggable terminal strips for the contacts are 8-pins each, one pair of pins for each of 4 relays assigned to the connector. There are four of these connectors for the 16 relays. There is one additional connector, the 5-pin connector for the module power.

The picture at the right represents the 16RO module top, showing the LEDs for the respective relays and the module status.



Trade Show in Wisconsin

MACHINEMATE, INC recently exhibited at the Wisconsin Tool Show, held in the Milwaukee area, beginning on September 30.

In our booth, we presented both an eCNC with the 19" rack-mount front panel holding the 15" TFT color touch screen and an L2 with the two-piece slim line front panel. A picture with most of our booth is shown to the right, with the 15" touch panel in the floor stand at the left (above the electrical panel provided by PanelTEK, a company also located in Fond du Lac that specializes in electrical panels; their panel offerings were described in Newsletter 11; their web site is www.paneltekinc.com).



In an adjacent booth (across the aisle), Rebstock Machine Tool Services (a VAC from Mayville, Wisconsin) had one of our SERCOS L2 controls on our 5-axes machine. Keith Rebstock, the company President (shown in the picture below left), helped us retrofit the new control as well as new axis drives and motors on our old 5-axes machine. The Rebstock company specializes in machine retrofits and rebuilds (their web site is www.rebstockmachine.com). All motors required new mounting plates as they were not the same as the original small motors on the Rieckhoff machine. Our new control was retrofit on our own machine (used for demonstrations, training hands-on exercises and CNC feature or application tests). The old machine had chronic problems because the encoder wires in the 12-year old machine had become fragile. With the new drives and motors, all the old troublesome wires were replaced. The three linear axes have Allen Bradley Ultra3000

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SERCOS drives with Allen Bradley Y1003 motors. The two rotary axes have Allen Bradley Ultra3000 analog drives with Allen Bradley Y1002 motors. The spindle has an Allen Bradley Ultra3000 analog drive and an Allen Bradley Y1003 motor.



In another booth at the show, Machine Tool Specialty & Training (a VAC from Big Bend, Wisconsin) had one of our L2 controls with the 12" touch display. Their booth is shown in the picture above right. This company specializes in machine retrofits and rebuilds from their office in a Milwaukee suburb (their web site is www.mtsandtg.com).

Moving

MACHINEMATE, INC is moving to a new facility in late January 2004. Our new address will be 100 West Larsen Drive, within an industrial park here in Fond du Lac, Wisconsin. The new office is much bigger with more rooms for training and will enable better manufacturing service to our customers. We will maintain our current telephone and email contacts.

Conclusion

If you do not want to receive this newsletter, please tell us with a phone call or just respond with an e-mail with 'unsubscribe' in the subject line. If you received a printed issue and you wish to receive it via e-mail, please tell us that by an e-mail to us at info@machinemate.com or call us at 920-907-0001.

Our web site www.machinemate.com has lots of information about our products and applications; a link can be provided to our customers for the complete manual set. A number of **MACHINEMATE** control retrofit articles are available. Please periodically check the site for news.

Thank you,

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