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PR 14: Dynamic-Air Engineering Releases New GOP202 Industrial Controller Line for Brushless +28VDC Motors

The Product Development team has completed design and qualification of a new line of motor controllers called the GOP202 series unibody industrial motor controller. This is a generic industrial ITAR free design that can be used for many customers in a multitude of environments. Applications include brushless fans and blowers and motion control. This is meant as an adjunct to the successful GOP201 series controller which is rate at 32 amps but de-rated to 26 amps if no cooling is provided. The GOP202 is smaller and more cost effective and it is rated at 32 amps and de-rated to 16 amps with no cooling provided. Both controllers use the GOP circuit topology.

At the heart of the controller is the GOP digital circuit design which is applicable to any size controller in the same family. This circuit has over a dozen customer features which give customers maximum utility. Some of these features are control and some are health monitoring and feedback. Dynamic-Air now offers the best product on the market in the 30 amp and under size range and can easily scale up the design to provide more power. 60 and 90 amp controllers are already in development.

This circuit is programmable which allows shortened delivery lead times. When customers want different speeds or even variable speed only the firmware need change. For the first time ever Dynamic-Air will keep complete controllers in stock and simply install the correct firmware when the customer places the order.

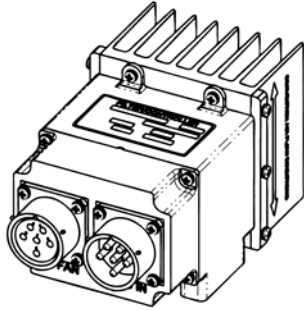
Dynamic-Air will begin full rate production of these controllers in April. Three new customer product teams have already selected the GOP202 for use in their next generation platform. A side by side view of the GOP201 and the new GOP202 is shown below. For complete details please ask your Dynamic-Air sales representative for a copy of the complete GOP202 specification.



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G0P201 Controller



G0P202 Controller

