

Yaskawa Releases the P1000 Variable Speed Drive

The Flexible, Intuitive Solution for Fan and Pump Applications

Waukegan, IL. The Drives & Motion Division of Yaskawa America, Inc. announces the release of the P1000 variable speed drive. The P1000 drive provides simple, reliable, cost-effective control for variable-torque loads through 500 HP and planned expansion through 1000 HP later this year. Specific application features, energy savings, and network connectivity make the P1000 a great choice for industrial fans and pumps.

Exceptional quality is the hallmark of Yaskawa products. Yaskawa drives have demonstrated extremely high reliability with an average MTBF (mean time between failure) of 28 years or more. 1000 series drive products take reliability to the next level with a calculated design life that is twice as long as previous generations.

User-friendly configuration tools, including a multi-language LCD display with a real-time clock, parameter storage, fan and pump application presets, and a portable USB copy unit make programming and configuration simple. DriveWizard® computer software delivers configuration, monitoring, and trending functions enhanced by direct connectivity through the P1000's standard USB port.

A significant quantity of control points are included as standard. For applications requiring more functionality, the P1000 offers three expansion ports for additional I/O, feedback, and network communications, including DeviceNet, EtherNet/IP, Modbus TCP/IP, Profibus-DP, PROFINET, BACnet, and Lonworks.

Energy efficiency is maximized with variable speed control, and the P1000's integrated 12 pulse version reduces harmonic demand from the power system, contributing to a cleaner environment. Additionally, all materials used in the P1000 comply with the directive for Restriction of Hazardous Substances (RoHS).

The P1000 drive is available in 200-240VAC Three Phase 50/60 Hz (up to 175 HP), 380-480VAC Three Phase 50/60 Hz (up to 500 HP), and 500-600VAC Three Phase 50/60Hz (up to 250 HP) ratings. All ratings are available in a Flange configuration that allows for mounting the drive with its heatsink out the back of any Type 12 enclosure. In addition, the P1000 is designed for use around the world, and carries agency certifications for all major geographical regions.

About Yaskawa

The Drives & Motion Division of Yaskawa America, Inc. manufactures industrial automation equipment. Its products include industrial AC drives; commercial HVAC drives; spindle drives and motors; servo amplifier systems and motion controllers; and low-voltage industrial control switches. The company's products are used in automotive, building automation, chemical and petrochemical, food and beverage, machine tool, material handling, metal forming, packaging, pharmaceutical, solar, plastics and rubber, and textile applications. Yaskawa America's Motoman Robotics Division makes industrial robots that can weld, assemble, cut and handle goods for manufacturers.

Yaskawa America, Inc. employs more than 1,000 people at its manufacturing facilities in Waukegan, Ill and in offices across the United States. For more information on the P1000 variable speed drive, please visit our website at www.yaskawa.com.

Contact: Tom Kutcher Manager, Marketing Communications Phone: 847-887-7318 E-mail: tom_kutcher@yaskawa.com	Yaskawa America, Inc. Drives & Motion Division 2121 Norman Drive South Waukegan, IL 60085 Phone: 800-YASKAWA (927-5292) Fax: 847-887-7310	Document Number: PR.P1000.01 7/16/2012
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