Generation II Simotics 1FK7 Servomotors

Siemens Industry, Inc.

Washington, DC - In response to increased market needs, Siemens Industry, Inc. announced a further reduction in lead times for Generation II of its Simotics 1FK7 servomotors. Highly-configurable to suit a wide variety of applications, this popular line features seven shaft heights, Quick-Connect power connectors and high-accuracy 20- and 24-bit field replaceable encoders in 10 styles, all combined with a three-week lead time, beginning January 1, 2014.

This new Siemens service applies to all motor models in the line, when ordered without gear box. The 1FK7 Generation II servomotors offer three inertia versions — standard, high-dynamic for rapid acceleration jobs and high-inertia for maximum smooth running. These motors are designed for operation without external cooling and the heat is dissipated through the motor surface. With 10 styles of field-replaceable encoders, the 1FK7 Generation II servomotors provide easy maintenance in the field, with reduced downtime and operating cost savings. A 10 percent improvement in continuous (S-1) power is achieved, since the encoders are mechanically and thermally decoupled from the motor. The mechanical decoupling also means the encoder is more resistant to vibration conditions on the machine. In addition, there is no need for battery back-up on the absolute encoders.

For more information, visit www.siemens.com [1]

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