

Industry Sector Drive Technologies Division

Nuremberg (Germany), March 06, 2009

Single converter with a high degree of protection

Siemens Drive Technologies has expanded its range of drives to include a decentralized frequency converter with degree of protection IP 65. This Sinamics G110D converter has been specifically developed for simple industrial materials-handling applications that require a drive with a distributed communications capability.

This new Sinamics G110D frequency converter with degree of protection IP65 is especially suitable for distribution and airport logistics applications. In addition to integrated fieldbus communications via AS-interface with bus parameterization and advanced diagnostic functions, information can also be processed directly on the unit by plugging in up to five sensors. The Sinamics G110D has a very low profile and the same drilling pattern for all models. It can also easily be combined with the more powerful Sinamics G120D model to enable it to be integrated into the drive concepts of more complex applications. The Sinamics G110D has a quick-stop function, an integrated control for 180, 205, 230 VDC and 400 VAC voltage brakes, software braking and external braking resistors. When combined with the Sirius M200D motor starter, this frequency converter is ideally suited for materials-handling logistics applications.

The frequency converter has a rugged metal enclosure so that it can also be used in hostile environments. The Sinamics G110D can be mounted near the motor and operated by hand. This frequency converter is also available with an optional repair switch and a key-operated switch for local manual operation. All terminals are equipped with standardized, plug-in fieldbus, power, input and output connections for Sinamics G110D, Sinamics G120D and the Sirius M200D motor starter. That not only reduces the number of system components and spare part stocks but also simplifies installation and maintenance.

You can find further information on the Internet at: www.siemens.com/sinamics-g110d

A picture accompanies this press release. You can find this photo on the Internet at:
www.siemens.com/ad-picture/2000

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This new Sinamics G110D frequency converter with IP65 has been specifically developed for simple industrial materials-handling applications requiring a drive with a distributed communications capability. Its main fields of application are airport and distribution logistics.

You can find this photo on the Internet at: www.siemens.com/ad-picture/2000

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The **Siemens Industry Sector** (Erlangen, Germany) is the worldwide leading supplier of production, transportation, building and lighting technologies. With integrated automation technologies as well as comprehensive industry-specific solutions, Siemens increases the productivity, efficiency and flexibility of its customers in the fields of industry and

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infrastructure. The Sector consists of six Divisions: Building Technologies, Drive Technologies, Industry Automation, Industry Solutions, Mobility and Osram. With around 222,000 employees worldwide Siemens Industry achieved in fiscal 2008 a profit of EUR3.86 billion with revenues totaling EUR38 billion. www.siemens.com/industry

The **Siemens Drive Technologies Division** (Nuremberg, Germany) is the world's leading supplier of products and services for production machinery and machine tools. Drive Technologies offers integrated technologies that cover the entire drive train with electrical and mechanical components. This includes standard products but also encompasses industry-specific control and drive solutions for metal forming, printing and electronic manufacturing as well as solutions for glass, wood, plastic, ceramic, textile and packaging equipment and crane systems. The services provided by the Division include mechatronics support in addition to online services for web-based fault management and preventive maintenance. With around 39,900 employees worldwide Siemens Drive Technologies achieved in fiscal 2008 total sales of EUR8.9 billion.