Hannover Messe 2014, Hall 9, Booth D35

Small IP67 I/O for use on site

- Distributed I/O expanded with Simatic ET 200AL
- Particularly compact design, small space requirement and low weight
- Flexible mounting in all positions
- For applications in confined spaces and those involving motion

The Siemens Industry Automation Division has added the new Simatic ET200AL product line to its Simatic ET 200 distributed I/O product family. This line of devices has a high IP67 degree of protection, a particularly compact design, a small space requirement and a low weight. It has been specially designed for distributed applications in confined spaces and those involving motion. The new devices are mounted directly in a machine or assembly line on site, for example on cable carriers, where they use M8 connections to connect sensors in confined spaces. Simatic ET200AL can be flexibly screwed on through the front or side in all mounting positions, such as fitting accurately on mounting rails. The rugged devices are suitable for use within a temperature range from minus 25 to plus 55 degrees Celsius. With module widths of 30 or 45 millimeters and up to 32 modules per station, the new generation of Simatic ET200AL devices has a high IO quantity structure for a wide range of applications.

The new Simatic ET200AL devices can be quickly and easily configured and commissioned via the TIA Portal, and integrated into the automation network with other distributed I/O devices, such as ET 200SP or Simatic controllers, via Profibus, Profinet or IO-Link. The wiring of the modules has been made extremely simple by, for example, color-coding the assignment of cables to interfaces, and the integrated fastening for cable ties. With its plastic enclosure, the new generation of devices has been specially designed for moving applications subject to sustained accelerations of between 5 g and 10 g.
The modules have electronic short-circuit protection, and restart automatically after a line interruption or module exchange. Simatic ET 200AL is equipped with Profienergy functionality facilitating the coordinated deactivation of individual loads or entire production units during unproductive periods. Groups of actuators can be shut down in a safety-related manner via the outputs of the new ET 200AL devices.

Siemens at Hannover Messe: www.siemens.com/hannovermesse

The Siemens Industry Automation Division has added the new Simatic ET200AL product line to its Simatic ET 200 distributed I/O product family. This line of devices has a high IP67 degree of protection, a particularly compact design, a small space requirement and a low weight. It has been specially designed for distributed applications in confined spaces and those involving motion.

Contact for journalists:
Gerhard Stauß, phone: +49 911 895 7945
E-mail: gerhard.stauss@siemens.com

This press release and a press picture are available at www.siemens.com/press/pi/I2014022305e
The Siemens Industry Sector (Erlangen, Germany) is the world's leading supplier of innovative and environmentally friendly automation and drive technology, industrial software and technology-based services. The Sector's comprehensive portfolio covers the entire industrial value chain, from product design, engineering and production to services. Siemens enhances its customers' productivity, efficiency, and flexibility in a wide variety of different industries. With a global workforce of more than 100,000 employees, the Industry Sector comprises the Divisions Industry Automation, Drive Technologies and Customer Services as well as the Business Unit Metals Technologies. For more information, visit www.siemens.com/industry