Press Release

Easy to implement gesture control in automation
Configuring the new Rexroth IndraControl V control units with a uniform software tool.

With the new generation of Rexroth control units, machinery manufacturers apply a familiar gesture control from smart devices to the field of automation.

With the swipe of a finger through the program: With a new generation of control units, Bosch Rexroth now brings the advantages of gesture control, which is familiar from smartphones and tablet PCs, to automation. The robust family of devices is designed for use in harsh production conditions and is available in different display sizes. A single software tool simplifies the implementation.

To scroll, just swipe the screen or use two fingers to zoom in on a part of the image: the gesture control has become prevalent in private applications through smartphones and tablet PCs within just a few years. With a new generation of multi-touch control units from Rexroth, machine manufacturer can also use this operating philosophy in factory automation. In the process, Bosch Rexroth simplifies the configuration of user interfaces through a single software tool for all HMI devices. WinStudio enables efficient engineering through the reuse of software modules – across the entire spectrum of controller-based compact HMIs with Windows CE to large displays for industrial PCs.
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Thus, the new compact miniature control units, with a 4 to 9 inch diagonal display and their own controller, are offered for both single- and multi-touch operation. The communication with a control unit occurs, according to standard, over a fast Ethernet TCP IP connection. For purposes of data backup, the devices have an SD card memory module and 2 USB ports for connecting peripheral devices.

New wide-screen displays for 15, 18 and 21 inch industrial PCs provide plenty of space for a high depth of information and a modern multi-touch visualization of PC-based automation applications. The aluminum front with inlaid, scratch-resistant glass meets protection category IP65. Together with the high shock and vibration resistance, the operating units are therefore suitable for use under rough production conditions.

For more information, www.boschrexroth-us.com/edc

About Bosch Rexroth:
Economical, precise, safe, and energy efficient: drive and control technology from Bosch Rexroth moves machines and systems of any size. The company bundles global application experience in the market segments of Mobile Applications, Machinery Applications and Engineering, Factory Automation, and Renewable Energies to develop innovative components as well as tailored system solutions and services. Bosch Rexroth offers its customers hydraulics, electric drives and controls, gear technology, and linear motion and assembly technology all from one source. With locations in over 80 countries, more than 36,700 associates generated sales revenue of approximately 5.7 billion euros ($7.6 billion) in 2013. To learn more, please visit www.boschrexroth-us.com

About Bosch:
The Bosch Group is a leading global supplier of technology and services. In 2013, its roughly 281,000 associates generated sales of 46.1 billion euros ($61.2 billion). Its operations are divided into four business sectors: Automotive Technology, Industrial Technology, Consumer Goods, and Energy and Building Technology. The Bosch Group comprises Robert Bosch GmbH and its more than 360 subsidiaries and regional companies in some 50 countries. If its sales and service partners are included, then Bosch is represented in roughly 150 countries. This worldwide development, manufacturing, and sales network is the foundation for further growth. In 2013, Bosch applied for some 5,000 patents worldwide. The Bosch Group’s products and services are designed to fascinate, and to improve the quality of life by providing solutions which are both innovative and beneficial. In this way, the company offers technology

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