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Small programmable controller improves performance, capacity and connectivity

MIDDLETOWN, Pa. – Phoenix Contact introduces nanoLine®, a small programmable controller/relay with Ethernet connectivity, a removable operator display and easy flow chart programming.   nanoLine is designed to control small to midsize machines that require few I/O points.

Base controller stations are available in 24 V DC, 24 V AC/DC and 115 V AC versions. The on-board I/O consists of digital inputs and outputs. The nanoLine accommodates up to three I/O expansion modules, bringing the total possible I/O count to 24 digital inputs and 16 digital outputs.

The nanoLine offers a variety of optional expansion modules, increasing its flexibility. Communication modules for Ethernet, RS-232, RS-485 and USB allow easy data exchange with Modbus TCP or Modbus RTU. The optional operator panel can be mounted on the base unit, through a control cabinet or used as a simple hand-held device. Pluggable memory and real-time clock modules are also available.

The nanoLine controller uses nanoNavigator software, an intuitive flow chart language that allows for easy programming and hardware configuration. The user can create the control logic with just six simple instructions. Most programs can execute under one millisecond. nanoNavigator software can be downloaded for free at www.phoenixcontact.com/nanoLine.

Phoenix Contact is a world leader in electrical connection, electronic interface and industrial automation technologies. A global company with annual sales exceeding 1 billion euro, Phoenix Contact GmbH & Co., Blomberg, Germany, operates 46 international subsidiaries, including

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Phoenix Contact USA in Middletown, Pa. Phoenix Contact's formal Integrated Management Systems meet International Standards Organization (ISO) quality, environmental and safety requirements (ISO 9001:2000, 14001:2004 and 18001:1999).

For more information on Phoenix Contact's nanoLine, visit www.phoenixcontact.com, or call technical service at 800-322-3225, e-mail info@phoenixcon.com.

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