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Newsletter



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Greetings {FIRST_NAME},

In This Issue

- [Introducing GE Fanuc's 8000 Process I/O](#)
- [Solution Spotlight - Weidmuller](#)
- [Embedded Systems Products now Available from Gexpro](#)

Automation Events

Visit the Events section of our website to see what special workshops, seminars and other events are being held at a Gexpro branch near you. Visit our Events page by clicking [here](#).

Introducing GE Fanuc's 8000 Process I/O



GE Fanuc Intelligent Platforms through their acquisition of MTL Open Systems Technologies (MOST), delivers powerful and comprehensive I/O solutions for the harshest environments.

Gexpro Automation Solutions is excited to be able to provide GE Fanuc's new 8000 Process I/O product line. "8000 Process I/O is a completely modular distributed I/O solution for both general purpose and hazardous area applications," said Dave Reynolds, Product Marketing Manager for GE Fanuc's Process Solutions. "Unlike most process control equipment, it is built to be mounted in the entire spectrum of plant environments. It's ability to withstand extreme temperatures of -40 to +70 degrees C allows it to work in the frozen tundra, or the desert. With ISA G3 corrosion resistance and extended shock and vibration capabilities it can handle the user's most demanding applications."

8000 Process I/O modules are available for virtually any process signal, including analog, thermocouple, RTD, potentiometer, discrete, high-speed counter, frequency and quadrature. And for hazardous applications, it provides the most cost-effective intrinsically safe I/O available by integrating intrinsic safety and sensor signal conditioning in one package.

Contact your local Gexpro Automation Solutions Specialist to learn more about using GE Fanuc's new 8000 Process I/O, or visit the 8000 Process I/O product page at our website by clicking [here](#).

Solution Spotlight - Weidmuller

New Products: ESX10-T, RIDERSERIES Relays and SD, SLP & MA15

The **ESX10-T Series** circuit protectors have **remote reset** capabilities that operate through the use of an electronic signal. These circuit protection devices are compact and combine electronic trip characteristics and active current limitation to allow selective disconnection of loads that are connected to 24VDC power supplies. Selective load protection prevents complete shutdown of the system by quickly disconnecting the faulty path when an overload or short circuit occurs.



Weidmuller also announces an expanded and improved line of industrial relays – the new **RIDERSERIES family**.

These new industrial relay modules and relay bases can be specified and ordered separately, or as a single part number that includes the relay, base, LED indicator, retaining clip and markers. The new pre-assembled relay kits are available in all popular configurations. Now just a handful of Weidmuller RIDERSERIES kits can replace dozens of small items, simplifying the process of ordering and reducing operating costs.

And Weidmuller has also released several new surge protection devices. The **SD Series** are ultra-slim user-friendly devices for protecting electronic equipment and systems against surges on signal and I/O cabling, and the **SLP Series** provides 80kA power surge protection for small distribution panels, tower lights, equipment cabinets and confined spaces. The SD and SLP Series surge protection devices provide unparalleled packing densities, application versatility, proven and reliable hybrid circuitry, simple installation and optional 'loop disconnect' facilities (SD Series). These features make the SD and SLP Series the ultimate surge protection solutions for process control equipment, I/O systems and communications networks. The **MA15 Series** of surge protection devices protects electronic equipment and computer networks against the effects of noise pollution induced in power supplies. MA15 units clean up the effects of industrial noise and surges caused by lightning, switching devices, thyristor controls, transmission system overloads and power-factor correction circuits.

Click [here](#) to learn more about Weidmuller.

Embedded Systems Products Now Available From Gexpro

Offering the full spectrum of embedded products, including rugged boards and systems for defense, aerospace and extreme industrial environments.

Gexpro Automation Solutions is pleased to become an authorized distributor for GE Fanuc Intelligent Platforms' Embedded Systems division. As a well established distributor for GE Fanuc's Automation hardware and software products, the addition of Embedded Systems products provides an exciting opportunity to bring new solutions to our customers.

An embedded system is a special-purpose computer system, which is completely encapsulated by the device it controls. An embedded system has specific requirements and performs pre-defined tasks, unlike a general-purpose personal computer. Today, the embedded systems team delivers components to build an embedded system or delivers a complete embedded system.

Embedded components include a whole range of Single Board Computers built on various platforms (Freescale PowerPC, Intel) and a variety of different form factors (VME, VPX, cPCI and Server Blades). Components also include Communication and Networking solutions, I/O and Interface boards, ruggedized computers and other components to create best in class embedded solutions.

Look for more features on Embedded Systems products in the coming issues of our email newsletters. Contact your local Gexpro Automation

Solutions Specialist for more information on how to apply Embedded Systems technologies in your applications.

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