

CONTROL ENGINEERING EUROPE

19th-23rd April 2010

TOP PICKS



Dear Reader,
Hannover Messe has returned under a new motto, "Efficiency – Innovation – Sustainability".
The show remains one of the most important places to explore industry innovations, developments and technologies.
This year the exhibition, held April 19 – 23, will have strong theme of energy, mobility and automation as well as industrial subcontracting.
Further information and a list of exhibitors can be found at www.hannovermesse.de but read on to discover which stands we think will be the highlights of this year's show.

Visit: Hall 11, Stand E54

ODVA and its members develop the premier in open industrial communication technologies. Visit ODVA in Hall 11, stand E54, and see the latest technical innovations realized in new products from ODVA members, including those incorporating CIP Motion™, Device Level Ring, and EtherNet/IP™ to Modbus® seamless communication. Ask ODVA's technical experts about how ODVA technologies, including EtherNet/IP™, DeviceNet™, ControlNet™, and CompoNet™, can be used to provide safety, synchronization, motion, diagnostics, information, and control, all on one network.

ODVA, Inc., Adrienne Meyer, 4220 Varsity Drive, Suite, Ann Arbor, MI 48108 USA
ODVA Headquarter Offices -- Ann Arbor, Michigan, USA (local time zone: US Eastern

Tel: (+1) 734 975 8840, ext. 2224
FAX (+1) 734 922 0027

ameyer@odva.org
www.odva.org



Visit: Hall 9, Stand 370

The new Automation System PSS 4000 - Simplify your Automation
•Reduce engineering effort and engineering costs!
•One system for safety and standard!
•Component-oriented configuration!
•Hardware-independent programming
•Decentralised control, centralised monitoring!
PNOZmulti Mini - The smallest PNOZmulti in the world! With the development of the configurable safety relay PNOZmulti Mini, Pilz now has a universal, scalable product range which can offer both standalone and system solutions. Even with its more compact and smaller design with a width of only 45mm, the PNOZ mm0p certainly has the proven functions of the PNOZmulti.

pilz.gmbh@pilz.de
www.pilz.com



Visit: Hall 8, Stand D013

Michell Instruments are showing the newest additions to their range of precision dew point and humidity sensing instruments. The QMA2020 Process Moisture Analyzer is a high-precision moisture analyzer giving a fast response and with EExd certification for use in hazardous areas.

The Promet I.S Process Moisture Analyzer combines the latest in Michell Ceramic Moisture sensing technology with a sample conditioning system to detect moisture in process gases and vaporized liquids. For fast, accurate and reliable measurements of moisture in process liquids, the Liquidew I.S is suitable for all hazardous area applications.

Established in 1974, the Michell Instruments brings more than 35 years of research, design and technology to the field of instrumentation and control.

Michell Instruments Ltd,
Lancaster Way Business Park
Ely, Cambridgeshire
CB6 3NW

Tel: +44 1358 658000

UK.info@michell.com
www.michell.com



Visit: Hall 9, Stand F40

The new modular components for fieldbus establish an infrastructure connection between the process fieldbus control system and the field devices

Talk with our specialists at the Hanover fair 2010 and experience the HIGHLIGHTS for the process industry:

- Modular scalable Infrastructure for Foundation Fieldbus:

The new modular components for fieldbus establish an infrastructure connection between the process fieldbus control system and the field devices.

- Intrinsically safe I/O modules:

The Inline IP20 I/O system connects input/output signals to industrial Ethernet bus networks in hazardous and non-hazardous areas. I/O modules can be mixed and matched in the same station.

- WirelessHART™ gateway:

We offer a WirelessHART™ gateway with integrated 802.11b/g WLAN transceiver. It can connect up to 250 WirelessHART field devices and convert the HART data to Modbus TCP.

- PIT terminal blocks with push-in technology and Ex-approval:

Conductors from 0.34 mm² and even sensor cables can now be wired directly and without tools.

PHOENIX CONTACT GmbH & Co. KG, Flachmarktstr. 8, 32825 Blomberg

Tel: +49 (0) 5235/3-00

process@phoenixcontact.com
www.phoenixcontact.com



Visit: Hall 11, Stand E35

WEG is a worldwide manufacturer and supplier of a comprehensive range of Low, Medium and High Voltage electric motors, transformers, generators, variable speed drives, electronic soft starters and control gear products.

At Hannover Messe 2010 WEG will be showing the new WQuattro Super Premium Efficiency Motor which has been developed in line with new energy efficiency requirements and officially launched in Europe in April 2010. The new WQuattro exceeds IE4 efficiency levels and shows WEG's commitment to the continuous search for energy efficiency.

WEG Electric Motors (UK) Ltd, 28/29 Walkers Road, Manorside Industrial Estate, North Moons Moat, Redditch, Worcestershire, B98 9HE

Tel: +44 1527 596748
Fax: +44 1527 591133

wegsales@wegelectricmotors.co.uk
www.weg.net



Visit: Hall 11, Stand E35

Belden introduces new Hirschmann™ BAT controllers for centralized management and monitoring of large-scale WLAN networks.

At the Hannover Fair Belden will introduce the three new BAT controllers WLC25, WLC50 and WLC100 from its Hirschmann™ product range to ensure fast data communications and optimum network availability. These controllers are designed for use in switch cabinets and can be used to centrally configure and manage 25, 50 or 100 WLAN access points respectively. As these controllers are fully compatible to all Hirschmann™ access points in the BAT series, your existing BAT equipment does not need to be replaced.

inet-sales@belden.com
www.beldensolutions.com



Visit: Hall 7, Stand B09 (Fieldbus Foundation booth)



CodeWrights exhibits FDT based solutions for device integration in a live demonstration – with focus on the device configuration software iDTM™ FOUNDATION™ fieldbus and the FF H1 Communication DTM.

iDTM™ offers a combination of both the EDD and FDT technology as well as a uniform user interface for all devices. The interpreter DTM facilitates the usage of devices which do have a device description file (DD/EDD) but no DTM available. The product is based on the official DD software by the Fieldbus Foundation. The entire DD (device description) library with all registered and certified DDs/EDDs is integrated.

CodeWrights GmbH, Stefanie Schindler, Am Stadtgarten 1, 76137 Karlsruhe, Germany

Tel: +49 721 352399-43

sales@codewrights.biz
www.codewrights.biz

Visit Hall 16, stand D11



Flexicon is a leading UK Manufacturer of Flexible Conduit and Accessories. With over 39 different conduit systems to choose from, available in a wide variety of sizes and colours, you can be assured that we have a product to suit your application. With applications within the Construction Industry, Rail, Marine, MOD, Machinery and OEM's to name but a few, our product offer has been developed and tested to the most demanding quality standards and have been awarded quality approvals and compliance worldwide.

Come and visit us in Hall 16, stand D11 and we will be showcasing our new range of IP69k accessories.

Flexicon Ltd, Roman Way, Coleshill, Birmingham, B46 1HG, United Kingdom

Tel: +44 (0)1675 466900

sales@flexicon.uk.com
www.flexicon.uk.com

Visit: Hall 9, Stand F06



The HD Bus Terminals from Beckhoff: Packing density doubled, space requirement halved.

Beckhoff has expanded its IP 20 I/O systems by a new generation of Bus Terminals increasing the I/O packing density. The HD Bus Terminals (High Density) feature 16 digital channels in the housing of an electronic 12 mm terminal block. The consistent increase in the efficiency of electronics has reduced the power dissipation in the last few years to the extent that double packing density is possible today. The result is a multiple cost advantage: the space requirement in the control cabinet is reduced and the channel price drops significantly. The 16-channel terminals are available for both Bus Terminals and EtherCAT Terminals.

www.beckhoff.com/english/europe.htm

Visit Hall 8 Stand G34



The company will be showing the latest range of TORQSENSE Transducers, the world's first low cost non-contact rotary transducers designed specifically for OEM applications.

Traditionally rotary torque is difficult and expensive to measure, but using existing technology in a novel way, inexpensive transducers can be produced for situations where monitoring or control of drive mechanisms is required.

Applications include aerospace, automotive, such as electric power steering, condition monitoring, where knowledge of torque is critical, monitoring of torque during mixing processes where consistence of mix is required, as well as Research and Quality Assurance test rigs for industry and academia

Sensor Technology Ltd, Apollo Park, Ironstone Lane, Wroxton, BANBURY, Oxon, OX15 6AY

Tel 44 1869 238400
Fax 44 1869 238401

info@sensors.co.uk
www.sensors.co.uk

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IML GROUP PLC, Blair House High Street, Tonbridge, TN9 1BQ
T: +44 (0)1732 359990 F: +44 (0)1732 770049
Company No: 241 6272

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