



Press Release

Nexans MOTIONLINE® cables to provide flexible and reliable solutions for KUKA's industrial robots

KUKA is incorporating Nexans specialized MOTIONLINE® robotic cables in demanding torsion and chain cable applications on 3D robots

Paris, March 9, 2011 – Nexans, a worldwide leading expert in the cable industry, has been awarded a Euro 1.6 million contract by the German company KUKA Roboter GmbH, one of the leading robot producers worldwide to supply its specialized MOTIONLINE® robotic cables for use in the construction of sophisticated 3D industrial robots.

The new contract for 2011 continues the close cooperation and partnership between the two companies that saw the Nexans factory based in Nuremberg, Germany deliver over 180 kilometres of robotic cables to KUKA in 2010. A wide range of MOTIONLINE® power, control and bus cables will be used by KUKA in a variety of demanding torsion and chain cable applications to deliver high-performance and total reliability, even whilst being subjected to multi-axis twisting and flexing and high accelerations.

Typical applications for the MOTIONLINE® cables will include welding and assembly robots used across all stages of automotive production, as well as machine tending, processing, production line pick and place and palletizing applications.

Dedicated Motion Application Centre

In addition to the high-technology and innovation demonstrated by the MOTIONLINE® cables, a key element in winning the contract was Nexans' own dedicated Motion Application Centre (MAC), which is part of the Nexans Research Centre (NRC) in Nuremberg. This facility, unique in the industry, enables cables to be exposed to dynamic operating loads that simulate realistic, in-service conditions, thus ensuring that they offer the ideal combination of bending, tension and torsional strength and vibration resistance required for their intended application. This means that Nexans is able to provide clear proof to KUKA that a robotic cable will perform throughout its expected lifecycle as required by the relevant specification.

"Of all automation applications, robotics is especially demanding due to the need for 3D movement, resistance to torsional loads and high speeds and total reliability. So this latest major contract from KUKA, a world leading robot producer, is an important reference for the technical excellence of our MOTIONLINE® brand", says Giuseppe Di Lorenzo, Nexans Global Segment Manager & Commercial Director Automation. "In the coming year we are also looking forward to working together with KUKA to advance robotic cable technology to meet the challenges created by the latest developments in robot vision."

About Nexans :

With energy as the basis of its development, Nexans, worldwide leading expert in the cable industry, offers an extensive range of cables and cabling systems. The Group is a global player in the infrastructure, industry, building and Local Area Network markets. Nexans addresses a series of market segments: from energy, transport and telecom networks to shipbuilding, oil and gas, nuclear power, automotives, electronics, aeronautics, material handling and automation.

Nexans is a responsible industrial company that regards sustainable development as integral to its global and operational strategy. Continuous innovation in products, solutions and services, employee development and engagement, and the introduction of safe industrial processes with limited environmental impact are among the key initiatives that place Nexans at the core of a sustainable future.

With an industrial presence in 40 countries and commercial activities worldwide, Nexans employs 23,700 people and had sales in 2010 of more than 6 billion euros. Nexans is listed on NYSE Euronext Paris, compartment A. For more information, please consult www.nexans.com.

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