



Press Release

Special cabling for sensors and automation in industry and transportation

Nexans presents cable solutions for automation technology at electronica 2008, 11 to 14 November, Munich International New Trade Fair Centre, Hall C3, Stand 434

Nuremberg, 11 November 2008 – Nexans Deutschland's Nuremberg site designs cables and cabling especially for use in industrial automation and in vehicles. Here, for example, torsionable cables are developed which are resistant to bend and turning movements and are predestined to be used in robotic arms. To test the characteristics of the sheath as well as insulation and electrical characteristic before launch on the market, the Nuremberg plant uses the Nexans Research Center. There, solutions are tested in conditions reflecting real practice: drag chains, robotic arms and various test benches simulate the bending, stretching or friction stress while measuring electrical parameters. This supplies information about the wear and tear characteristics of the cables and additionally helps to gather information for individual customer service.

The sensors on hot machines or in vehicles also require specific solutions. The use of conventional insulating materials is often impossible here as they would melt at operating temperatures or, for example, become brittle. Therefore, Nexans designed cabling with which the motor and gear box sensors are connected in a car, for instance. They are made of temperature-resistant materials that are heat proof to 125°C, 150°C or even 200°C, and at the same time resistant to oil and fats and environmental influences.



Before market launch, Nexans uses the Nexans Research Center to test the behaviour of cables and cabling under long-term stress reflecting real practice, for example in drag chains (see picture) or robotic arms.

Nexans at electronica 2008: until 14 November, Nexans specialists will present products from its wide range of solutions at the electronics trade fair in Munich. Nexans is exhibiting in Hall C2 on Stand 434.

About Nexans Deutschland

Nexans Germany is one of the leading cable manufacturers in Europe. The company is offering an extensive range of high performance cables, systems, and components for the telecommunications and energy sectors, rounded off by superconducting materials and components, Cryoflex transfer systems and special machinery for the cable industry. Producing at manufacturing plants with 7.400 employees in Germany and abroad, the sales in 2007 amounts to approx. 958 Mio Euro. The full integration into the Nexans Group Nexans Germany also benefits from excellent opportunities to use the available synergies in all corporate fields, which not only applies to worldwide projects but also to research and development, the exchange of know how, and to other areas. More information on www.nexans.de

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