



Press Release

Nexans introduces durable, flexible CAT 6A Ethernet cable for industrial automation applications

Nexans' new cable combines 10 GB/s capacity with flexibility and durability for drag chain applications

Paris, November 25, 2014 – Nexans is introducing its Category 6A cable, designed for automation applications. The new cable is able to carry 10 GBit/s while offering the exceptional durability and flexibility essential for drag chain installations.

The cable, part of the Motionline® range, will meet the need for increased data volume in industrial settings. The CAT 6A cable can bend to a radius 10 times its diameter while withstanding at least three million cycles, a new benchmark for CAT 6A Industrial Ethernet.

Nexans' CAT 6 cable carries signal frequencies of up to 500 MHz while reducing crosstalk and system noise. Its outer PUR jacket is halogen free, protecting people and equipment in the event of a fire. It is also abrasion and oil resistant.

The Industrial Ethernet cable can be used for Industry 4.0, machine-to-machine intercommunication and Internet of Things applications. The high data rates, ability to withstand strenuous repetitive movement and small bending radius make the cable suitable for applications requiring a high volume of data transfer in drag chain applications.

Philipp Teepe, Automation Marketing Manager at Nexans, said, "Cables have always been the nerves of factory systems. Our customers needed a cable that was able to carry a significantly higher amount of data while being able to withstand millions of drag chain cycles in a demanding industrial environment. Nexans met both of these needs in one product".

Giuseppe Borrelli, Executive VP Industry & Operators Market lines, added, "New developments like increased data volume and the Internet of Things are changing the industry. There is a need for greater interconnection between machines and more flexibility within facilities. Nexans' technology is anticipating upcoming needs to support the evolving industry."

The cable has been tested at the dedicated Nexans' Motion Application Centre in Nuremberg, Germany. It meets all relevant international standards.

About Nexans

Nexans brings energy to life through an extensive range of cables and cabling solutions that deliver increased performance for our customers worldwide. Nexans' teams are committed to a partnership approach that supports customers in four main business areas: Power transmission and distribution (submarine and land), Energy resources (Oil & Gas, Mining and Renewables), Transportation (Road, Rail, Air, Sea) and Building (Commercial, Residential and Data Centers). Nexans' strategy is founded on continuous innovation in products, solutions and services, employee development, customer training and the introduction of safe, low -environmental- impact industrial processes.

In 2013, Nexans became the first cable player to create a Foundation to introduce sustained initiatives for access to energy for disadvantaged communities worldwide.

We have an industrial presence in 40 countries and commercial activities worldwide, employing close to 26,000 people and generating sales in 2013 of nearly 6.7 billion euros. Nexans is listed on NYSE Euronext Paris, compartment A. For more information, please consult: www.nexans.com

Contacts:

Press

Angéline Afanoukoe Tel. : +33 (0)1 73 23 84 12

Angeline.afanoukoe@nexans.com

Investor relations

Michel Gédéon Tel.: +33 (0)1 73 23 85 31

Michel.gedeon@nexans.com