

NEW MOTIONLINE® DRAG CHAIN CABLES FOR AMBIENT TEMPERATURES OF UP TO 125°C

Oil- and chemical-resistant automation cables from Nexans for use in glass industry handling systems or metal and plastics processing

Nuremberg, April 5, 2016 – The new MOTIONLINE® automation drag chain cables from Nexans meet the requirements of both the glass industry and metal and plastics processing for high temperature resistance. Whereas most drag chain cables are designed for ambient temperatures of up to 60°C, these new automation cables can be used at temperatures of up to 125°C. Since standard thermoplastics become brittle when exposed to such high temperatures, Nexans has developed a special material for insulating the wires and sheath. Its abrasion resistance is similar to that of polyurethane and is equally resistant to oil and chemicals. The new material is also highly flexible and optimised for continuous movement.

“The development of our heat-resistant MOTIONLINE® cables was initialized by one of our customers,” says Philipp Teepe, Marketing Manager Automation at Nexans. *“We are proud to fulfil such exceptional requirements in close collaboration with our customers. Customers profit from a better solution and for Nexans’ R+D teams it’s always an opportunity to learn about market needs and final applications.”*

The new MOTIONLINE® cables are certified by Underwriters Laboratories (AWM) and are available as servo, motor or encoder cables for common automation applications. On request, the cable design can be adapted to specific connector systems.



The new, heat-resistant MOTIONLINE® cables from Nexans are suitable for use in drag chains at ambient temperatures of up to 125 °C.

Nexans Germany

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 11,440 employees in Germany and abroad, the sales in 2015 amounts to 966 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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