



Press release

The Internet site www.duotrack.com presents the new system for the cost-effective lineside cabling of regional railways

All-in-one solution: DuoTrack® combines copper and fibre-optic cables for the transmission of all required train control centre and telecommunication services

Mönchengladbach (Germany), 29 January 2008 – Nexans Deutschland Industries GmbH & Co. KG now has comprehensive information available on the website www.duotrack.com on everything worth knowing about the new and innovative DuoTrack® system. The information, available in German and English, describes the all-in-one system solution for regional railways, which facilitates the transmission of all copper and fibre optic cable services required for modern railway operation via a single cable route.

Visitors to the Internet site can easily recognise wherein the advantages lie: the DuoTrack® cable was developed for laying in the rail base and in comparison to conventional cabling solutions (including trough laying) offers a cost advantage of up to 50% with a time saving of about 70%. It combines a specially laid, multi-strand copper cable with a fibre optic cable in a common configuration and thus offers sufficient capacity for all relevant services of regional railways. The new website presents the special installation and laying technology, which Nexans developed together with Contec GmbH, which is located in Ötzingen-Sainerholz (Germany), as well as the universal hybrid joints for connecting the cable and/or branches on the line; the telent GmbH, located in Backnang (Germany), is responsible for their installation.

The DuoTrack® system is already in use in Germany: in July 2007, the prototype approval was obtained from the DB Netz AG for regional railways and is currently proving itself in use with electronic interlock technology and GSM-R on the "Odenwaldbahn" line, which is over 97 km long, as well as on the 18 km long block section between Wenden-Bechtsbüttel and Gifhorn. You can learn more about these two pilot applications via the category "References" on the DuoTrack® website.

Some typical questions on special system features are dealt with under the menu item "FAQs" (frequently asked questions), where you can also download a brochure on the DuoTrack® system as a PDF file. In addition, further information can be found under the category "News" in the press releases and publications focused on this topic.



The Nexans DuoTrack® cable is installed directly on the rail and thus represents a time and cost saving alternative to trough laying. Joints, clamps and a specially adapted laying technology complete the system.

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DuoTrack®

DuoTrack® stellt ein innovatives All-in-One-Verkabelungssystem für eine schnelle, kostengünstige und zukunftsichere Modernisierung nicht elektrifizierter Regionalbahnstrecken dar.

DuoTrack® wurde von den Firmen NEXANS für die Kabel- und Muffentechnik und CONTEC für die Montage- und Verlegetechnik in gemeinsamer mehrjähriger Arbeit für die DB Netz AG entwickelt und wird seit Herbst 2006 in ausgewählten Projekten im Regionalnetz eingesetzt.

Das DuoTrack®-Kabel besteht aus dem Verbund eines Kupfer- und LWL-Kabels im klassischen figur-8 Design und wurde für die hohen mechanischen Belastungen der Verlegung und des Betriebs an der Schiene entwickelt. Kabelaufbau und Abmessungen sind auf alle Anwendungsfälle im Regionalnetz abgestimmt und die parallele Übertragung aller erforderlichen LST-Dienste über das Kupferkabel wurde erprobt und zugelassen. Das Nexans DuoTrack® besitzt eine Typzulassung vom EBA.

Die DuoTrack®-Verlegung an der Schiene ist in hohem Maße wirtschaftlich, da sie ohne zeit- und kostenintensive Tiefbauarbeiten auskommt. Sie erfolgt in einem Arbeitsgang mit einem von der Fa. CONTEC entwickelten Verlegezug und ermöglicht eine Verkabelung auch dort, wo eine konventionelle Verkabelung nicht möglich ist.

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Under www.duotrack.com, Nexans and partners will inform you on DuoTrack®, a system for the rapid and cost-effective cabling of regional railway lines.

About Nexans Deutschland

Nexans Germany is one of the leading cable manufacturers in Europe. The company offers a comprehensive range of high-performance cables, systems and components for the telecommunications and energy sector. The range is rounded off with super-conducting materials and components, cryoflex transfer systems and specialist machinery for the cable industry. Manufacturing is carried out in Germany and abroad by approximately 6,700 employees. In 2006 sales amounted to approximately € 953 million. Through close integration into the Nexans group, Nexans Germany has very strong opportunities for synergies in all areas of the Group. This applies to worldwide projects as well to research and development and know-how exchange etc.

Additional information can be found at www.nexans.de

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