

■ Press release

HELUKABEL Adds to AS-Interface Product Portfolio

Round cable design suitable for drag chain applications

West Dundee, IL, April 18, 2024 – HELUKABEL, the global connection technology specialist, announced they have enhanced their AS-Interface (ASi) bus cable offering by adding a round cable design suitable for use in drag chain applications.

Traditionally, ASi bus cables are flat and deliver both power and transmit signals in applications such as building automation, process automation, factory automation, and transportation. However, when drag chain-rated ASi bus cable is used, the traditional flat profile requires the cable to be separated from other round cables. This makes installation time longer and drives up costs.

With its new round ASi bus cable, HELUKABEL can provide customers with a solution that is capable of being inserted into a drag chain with other round cables and hoses. Under part number 11009063 the A-BUS ROUND PUR CHAIN cable has four polypropylene (PP)-insulated conductors that are twisted into a star quad configuration. This type of construction enables better resistance to EMC interference when compared to other round ASi bus cables with four conductors, and therefore minimizes communication errors due to electrical noise or “cross-talk” generated from the power conductors. Additionally, the robust polyurethane (PUR) outer jacket is resistant to oil, halogen-free, flame retardant, and resists the mechanical stresses caused by the continuous movements within a drag chain. It is capable of being used in temperatures ranging from -40°C to +80°C, based on the specific application.

Furthermore, the round ASi bus cable meets U.S. and Canadian safety standards according to UL Std. 758 (AWM) Style 20233 and CSA 22.2 No. 210 AWM I/II A/B.

HELUKABEL® USA

1201 Wesemann Dr.
West Dundee, IL 6018
Phone +1 847-930-5118
Fax +1 847-622-8766
sales@helukabel.com
www.helukabel.com

Press Contact:

Kevin Siegel
Marketing Manager
Phone +1 847-930-5118
kevin.siegel@helukabel.com

Image overview



Figure 1: HELUKABEL's latest addition to its industrial data, network and bus cable technology – a round ASi bus cable for use in drag chains.

Source: HELUKABEL

About HELUKABEL USA

HELUKABEL USA, Inc. is the wholly-owned U.S. subsidiary of HELUKABEL GmbH, a global cable system solutions provider specializing in the production of cables, wires, accessories, cable assemblies, robotic dress packs, and drag chains with 69 locations in 40 countries throughout the world. In its 75,000-square-foot, suburban-Chicago facility HELUKABEL USA stocks over 4,000 cable, wire and accessory line items for a multitude of application areas including mechanical and plant engineering, industrial automation, oil and gas, building technology, infrastructure, mobility and renewable energy. Direct access to a 1.8 million-square-foot, fully automated warehouse with 33,000 line items, enables HELUKABEL USA to provide extremely short delivery times.

About HELUKABEL

The HELUKABEL Group, headquartered in Hemmingen, Germany, is a leading international manufacturer and supplier of cables, wires and cable accessories. Founded in 1978, the family-owned company has over the years acquired broad expertise and in-depth know-how in many industries and key technologies. Today, products and solutions from HELUKABEL can be found in a wide range of applications: from machine and plant construction and industrial automation to the oil, gas and chemical industries, building technology, infrastructure, mobility and the supply of renewable energy. With 69 locations and around 2,200 employees in 40 countries, the company is a reliable and responsive partner for its customers worldwide. They benefit from a comprehensive range of more than 33,000 stock items, a state-of-the-art logistics concept and special expertise in the development of customer-specific solutions. In this way, HELUKABEL offers users electrical connection technology from a single source.

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Press Contact:

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Marketing Manager
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kevin.siegel@helukabel.com