Two partners, one goal: reliable Ethernet transmission with igus and Harting

chainflex CFBUS.LB and ix Industrial plug-in connectors for safe motion in small spaces

Ensuring secure data transfer and reliable power supply with ever-smaller installation spaces is the challenge faced by- many engineers. To meet this demand, igus has now introduced a highly flexible chainflex Ethernet cable. It is the robust and ideal partner for the new ix Harting connector with a tested and proven long service life and with a unique 36 month guarantee.

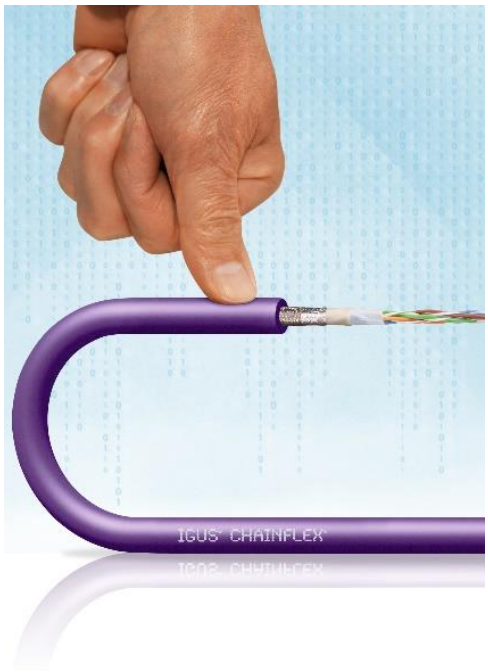
With the extremely flexible but robust CFBUS.LB Ethernet bus cables, igus provides the perfect complement to the new ix industrial connector from Harting, saving 70 percent of space compared to the previous solution. This is a particular advantage especially in miniature housings, for example in camera systems, WLAN access points, routers or other digital components. Thanks to their special design, chainflex cables also require 50 percent less space than standard Ethernet cables. In combination with the Harting connector, the customer is offered an ideally coordinated overall package for small installation spaces.

Industry partner 4.0 in the smallest (installation) space

"Low bending" is the buzzword for a very low bend radius for cables in energy chains. This is why the abbreviation LB is assigned by igus to the bus cable family CFBUS.LB, as a synonym for the highest mechanical demands. They can be used for all common bus systems such as Ethernet CAT5, CAT5e, CAT6, Ethercat or Profinet. For example, the CF11 twisted pair data cable has the tightest bend radius available on the market. Thanks to its extreme bend radii down to 6.8 x d, the high-end chainflex cable can be used in the smallest installation spaces and for deep-freeze applications with temperatures down to -35°C. Naturally, it meets the highest industrial demands for continuous movement: in pick and place machines, in the semiconductor sector or in highly dynamic packaging technology, the flexible cables are able to demonstrate their strengths in terms of service life. This has been proven by extensive series of

tests in the 2,750 square metre test laboratory at igus. The CF11 data cable can thus be optimally integrated into the new ix Industrial connector (Type A) from Harting, which was presented at the Hannover Messe. It is especially designed for compact data interfaces. This creates an optimal point-to-point solution for the customer, even in a small space.

Caption:



Picture PM2818-1

The chainflex cable family CFBUS.LB was specially developed by igus for small spaces. It forms the perfect complement to Harting solutions, such as the ix connector presented at the Hannover Messe. (Source: igus GmbH)

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ABOUT IGUS:

igus GmbH is a globally leading manufacturer of energy chain systems and polymer plain bearings. The Cologne-based family business has offices in 35 countries and employs around 3,800 people around the world. In 2017, igus generated a turnover of 690 million euros with motion plastics, plastic components for moving applications. igus operates the largest test laboratories and factories in its sector to offer customers quick turnaround times on innovative products and solutions tailored to their needs.