

Fast and reliable data exchange with new CAN bus cable from igus

New chainflex cable for CAN systems with PVC or PUR outer jacket, approved for the Russian market

Bus systems are increasingly being used in automation, as they ensure fast and reliable data exchange, save space and therefore money. To meet these needs, igus has developed a new CAN bus cable for highly dynamic energy chain applications, such as in machine tools. This is available with either highly abrasion-resistant PVC or oil-resistant PUR outer jackets. Both cable options have EAC and CTP approvals, simplifying trade with the Russian market.

Demand for Controller Area Network (CAN) systems continues to grow in a bid to standardise data exchange. These ensure seamless networking of electronic systems with each other, such as control units or intelligent sensors. This enables complex systems to be implemented economically, and cross-system diagnostics can be carried out simultaneously across several ECUs. The new CAN bus cable from igus guarantees a high transmission reliability of the data, even with very high stress on the cable during motion, such as when used in an energy chain. The new cost-effective bus cable is available in two outer jacket options - CFBUS.PVC.020 with highly abrasion-resistant PVC or CFBUS.PUR.020 with highly oil-resistant PUR. As with igus cables, the new CAN bus cables were also tested in the in-house test laboratory, spread over 2,750 square metres. This makes igus the only manufacturer on the market to offer a 36-month guarantee on its entire cable range. The new cables are used in processing machines and machine tools, as well as in low-temperature applications. To facilitate trade with Russia, both cables have CTP and EAC approval.

chainflex cables with approvals are reliable and save money

With more than 1,300 types, igus offers the widest range of energy chain cables with the world's most extensive selection with international approvals, including cables with EAC and CTP approval. The EAC certificate is the official proof that the imported machines or components for production equipment comply with the harmonised technical regulations (TR ZU) of the participating countries of the Eurasian Economic Union (EAEU). The CTP standard focuses on the fire behaviour of cables and the flame retardancy of the materials used. The two approvals are intended to simplify business relations. Thanks to the EAC and CTP approvals, companies exporting to Russia or EAEU member states can get their machines and equipment through customs more quickly and start commissioning at the end-customer immediately after re-assembly. Having both EAC and CTP approval, the comprehensive inspection of all regulatory requirements for all components of a production machine is carried out quickly and smoothly. By using certified chainflex cables, companies can save time and money at customs. An additional advantage of both certifications is that new and used machinery and equipment can be moved and sold across the borders within all member states of the Customs Union. Further national certificates of conformity, through GOST-R, TR or GOST-K, are no longer required with EAC and CTP approvals.

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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 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.

The terms "igus", "chainflex", "CFRIP", "conprotect", "CTD", "drylin", "dry-tech", "dryspin", "easy chain", "e-chain", "e-chain-systems", "e-ketten", "e-kettensysteme", "e-skin", "flizz", "ibow", "iglide", "iglidur", "igubal", "manus", "motion plastics", "pikchain", "readychain", "readycable", "speedigus", "triflex", "plastics for longer life", "robolink", and "xiros" are protected by trademark laws in the Federal Republic of Germany and internationally, where applicable.



Caption:



Picture PM4418-1

igus has developed a CAN bus cable for highly dynamic energy chain applications. The cable has EAC and CTP approval, which ensures easy trading in the Russian market. (Source: igus GmbH)