

## **New chainflex cable improves the safety of machines with Fanuc drives**

### **igus expands its chainflex servo cable CF270.UL.D family with a new e-chain cable designed for Fanuc motors**

In the machine tool industry, many users worldwide rely on Fanuc motors, drives and controls. In order to supply the drives with fail-safe energy, igus has now developed a new highly flexible servo cable. The cable is specially designed for the dynamic demands when used in energy chains and the cable has an oil-resistant PUR jacket, UL (Underwriters Laboratories) approval and a UL-verified certified warranty promise of up to 36-months.

The servo cable connects a machine to its drive source and sets it in motion, so it is of particular importance in the machinery industry. When such cables are used in energy chains, they must be fail-safe, highly flexible, durable, and oil-resistant and at the same time meet various standards and certifications for use internationally. With its CF270.UL.D family of cables, igus offers 32 different cable cross-section options suitable for 24 drive manufacturers.

igus has now expanded the series further with a new cable for the Fanuc  $\beta$ -series motors with a (6G1.0)C type. "We offer more than 20 different chainflex cable families for machine tools," says John Barker, Product Manager of chainflex cables at igus UK. "Since more and more machine builders rely on Fanuc motors and controls, we have now developed a corresponding cable that meets the demanding environmental conditions such as high travel speeds and acceleration."

The chainflex CF270.UL.10.06.D cable has an oil- and coolant-resistant PUR outer jacket as well as DESINA compliant colour and is approved according to the 1000 V UL AWM standard. As on all of its 1,350 chainflex products, the motion cable specialist provides a guaranteed service life of 36-months, which is UL-verified.

### **Cable withstands up to 18 million strokes**

In tests in igus's 3,800m<sup>2</sup> laboratory in Cologne, the chainflex cable withstood 18 million strokes. Its lifetime in different applications can be determined by using the free and easy-to-access online lifetime calculator. igus offers the new Fanuc control either as a meter supplied directly from stock or assembled with suitable plugs as a ready-to-connect ready cable. If the user is looking for a finished energy supply system consisting of e-chain, cables and plugs, they can use the readychain service from igus.

Learn more about the new Fanuc servo line at:

<https://www.igus.co.uk/info/n21-cf-hybridcable-for-fanuc>

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**Picture PM3421-1**

The new chainflex servo cable is specially developed for dynamic use on Fanuc drives in machine tools.

The terms "igus", "Apiro", "chainflex", "CFRIP", "conprotect", "CTD", "drygear", "drylin", "dry-tech", "dryspin", "easy chain", "e-chain", "e-chain systems", "e-chains", "e-chain systems", "e-skin", "e-spool", "flizz", "ibow", "igear", "iglidur", "igubal", "kineKIT", "manus", "motion plastics", "pikchain", "plastics for longer life", "readychain", "readycable", "ReBeL", "speedigus", "triflex", "roboLink" and "xiros" are legally protected trademarks in the Federal Republic of Germany and possibly also internationally.