

## **Digital service in the industry: igus equips energy chains with QR-codes**

**Internet-based e-chain technology offers easy part identification, procurement and assembly instructions**

**From a purely mechanical product up to an online calculable and networked machine component – igus continues to digitalise its tribo-products. In addition to online tools and self-monitoring smart plastics, the company now equips its energy chains with a QR-code. Integrated directly into the e-chain, it offers the machine builder online information about the chain, including assembly instructions, or how to identify and order spare parts, with just a quick scan using a smartphone or tablet.**

To make the process of identifying, configuring, operating and maintaining machine components even easier for the engineer, igus takes advantage of the huge potential that digitalisation offers. In addition to the 33 online tools and smart plastics products, which increase plant safety through sensors and the artificial intelligence, the motion plastics specialist now equips its energy chains with QR-codes. This connection of the "offline" and "online" worlds has a very tangible benefit for the machine builder: faster information, easier assembly and spare part procurement via the Internet.

### **Assembly instructions**

To use the code, the engineer uses a smart phone or tablet camera to scan the QR codes, which are located on the crossbars and side parts. The engineer is directed to the online portal, where igus provides all the important information about the product. These include photos and videos that show the engineer assembly instructions. Important assembly steps are shown in slow motion for better understanding. This helps engineers reduce set-up times and simplify initial installation.

The QR-code also simplifies the process for ordering spare parts for energy chains. Intuitive illustrations on the website help the engineer to understand the structure of the igus part numbers and to recognise the different components.

The online shop is just a click away, where an order can be placed. And the components are dispatched for delivery from 24 to 48 hours later.

*With a QR-code app and camera, all the necessary information about the respective e-chain can be easily and conveniently accessed via smartphone or tablet. Just try it with the QR-code in the picture.*

**Caption:**



**Picture PM4218-1**

Using the QR-code, the engineer finds the right solution very quickly. Simply use the smartphone and a QR app to scan the code on the energy chain and get all the relevant information about it immediately. (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 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.