

## **Small e-chains allow for safe cable guidance in the most confined spaces**

**Due to its simple opening mechanism, the E2.10 energy chain from igus is cable-friendly and easy to assemble**

A safe energy supply with highly dynamic cable travel is particularly important for machines with confined spaces. Therefore, igus has developed the small-sized E2.10 energy chain from the E2.1 series. The e-chain has an inner height of only one centimeter and an outer height of one and a half centimeters, making it ideal for the smallest of spaces. Like all links from the E2.1 product range, the chain links consist of only one bottom and side part, as well as one crossbar. The e-chain can be easily opened from both the top and the side with a screw driver. The opening mechanism is included in each initial order, which allows the chain to be opened within seconds and closed again by hand after the cables have been fitted. Products from the E2.1 series also have a durable stop-dog for up to 25 percent greater unsupported length, 100 percent higher fill weight and 10 percent less overall weight than its e-chain counterparts. The “brake” on the stop-dog of the links enables quiet-running properties, making the e-chain suitable in applications including automatic doors, vehicles or medical furniture.

### **Cable-friendly design, quick and easy assembly**

Lightweight yet durable, the E2.1 e-chain series is suitable for numerous demanding applications. To accommodate an even greater variety of applications, igus has expanded the E2.1 product range with three new inner height sizes of 2.6, 3.8 and 4.8 centimeters. Due to the smooth contours, the interior of the e-chains is very cable-friendly, offering up to 0.3 centimeters greater inner height. Separators with rounded edges are offered to extend the service life of hoses and cables even further. An integrated grid marking is also provided on the crossbars for precise mounting of the separators.

### **Highly flexible chainflex cables for compact installation space**

chainflex cables and energy chains from igus form a textbook unit, as chainflex cables are specifically designed for use in energy chains. The chainflex CFBUS.LB.060 Profinet cable

press release

allows data to be transmitted in the tightest of spaces with a bend radius of just  $7.5 \times d$ . All chainflex cables are tested in the igus in-house laboratory, which makes igus the only manufacturer on the market to offer a 36-month guarantee on its cables. readychain is a complete system with an e-chain and cables, and is available for customers to immediately starting using in an application.

**Caption:**



**Picture PM6717-1**

The quiet-running E2.10 e-chain securely guides cables in confined spaces. The opening mechanism ensures fast and easy assembly.

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## About igus®

igus® develops industry-leading energy chain® cable carriers, chainflex® continuous-flex cables, drylin® linear bearings and linear guides, iglide® plastic bushings, and igubal® spherical bearings. These seemingly unrelated products are linked together through a belief in making functionally advanced, yet affordable plastic components and assemblies. With plastic bearing experience since 1964, cable carrier experience since 1971 and continuous-flex cables since 1989, igus provides the right solution from over 100,000 products available from stock. No minimum order required. For more information, contact igus at 1-800-521-2747 or visit [www.igus.com](http://www.igus.com).

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