

Compact rotation module for tight spaces

guides energy, data and media safely, without interruption for rotational movements up to 360 degrees

Motion plastics specialist igus has developed an extremely compact rotation module (CRM), which revolves around its own axis, even in confined spaces. As with all rotary energy chain systems from igus, the CRM can be used to guide different types of media – power, signals, data, fibre-optic, pneumatic or fluids – in parallel without interruption.

Inside the CRM, cables and hoses are routed together without interruption, thus eliminating the need for expensive and complex rotary unions. Rotational movements of ± 180 degrees are possible, with a simple scale marking on the housing to indicated angle. The main benefit of implementing the CRM into machines is to increase reliability and minimise unscheduled downtimes.

The new module is delivered by igus as a complete, ready-to-install unit and is easy to assemble. It has a height of only 140 mm and is 120 mm wide on the outer diameter. Three different inner diameters are offered, depending on the type of cables required, though other diameters will become available.

For more information about the CRM, please visit: www.igus.co.uk/crmpr or call igus directly on 01604 677240. Follow us at twitter.com/igusUK, watch our videos at www.igus.co.uk/YouTube, connect with us at www.igus.co.uk/Facebook and read our blog on blog.igus.co.uk

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About igus:

Based in Northampton in the UK and with global headquarters in Cologne, Germany, igus is a leading international manufacturer of energy chain systems and polymer plain bearings. The family-run company is represented in 35 countries and employs approximately 3,000 people worldwide. In 2015, igus generated a turnover of 552 million euros with motion plastics, plastic components for moving applications.

With plastic bearing experience since 1964, cable carrier experience since 1971 and continuous-flex cable since 1989, igus provides the right solution based on 100,000 products available from stock with between 1,500 and 2,500 new product introductions each year. 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.

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