



## **Intelligent robot cable predicts failures**

**To be officially released at the upcoming Hannover Messe, igus is presenting a new cable that increases process reliability and safety by warning against upcoming failures.**

As “smart” factories increase in popularity, so too are intelligent monitoring systems. To increase reliability and reduce the threat of failure and downtime, igus will be releasing an intelligent robot cable that warns users before failure occurs at Hannover Messe 2016.

“The intelligent robot cable predicts the future,” said Rainer Rössel, head of Chainflex continuous-flex cables at igus.

If certain parameters are exceeded during the cable’s operation in dynamic applications, a warning is triggered, indicating that the cable must be replaced within the next four weeks. “In this way, we are making a substantial contribution towards preventative maintenance and increased plant availability,” explained Rössel.

While standard cables are designed for use while fixed in place, dynamic applications require specially designed cables to prevent failure and downtime. Chainflex cables are specially stranded and shielded to optimize service life, and a range of jacket materials and cable designs stand up to even the most demanding applications. Additionally, Chainflex cables are fully guaranteed for up to 10 million cycles, thanks to years of testing in real-world application settings.

To learn more about igus Chainflex cables or the igus test lab, please visit [www.igus.com/cftest](http://www.igus.com/cftest).

### **About igus®**

igus® develops industry-leading Energy Chain® cable carriers, Chainflex® Motion 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 Motion 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).

**Image:**



**Picture Intelligent Robot Cable Img., igus Inc.**

The new intelligent robot cable from igus warns users 4 weeks before failure occurs.

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