

## **Space saving alternative to servo cables in machine tools: PUR spindle cable**

**East Providence, RI – November 12, 2013** – Spindle drives are becoming larger and more efficient in the case of machining centers and machine tools. To guide higher streams of energy, larger conductor cross-sections are required. As a result, servo cables are becoming thicker with larger bend radii, and in some cases are going beyond the permissible space of the machine tool. A shielded single core cable, like the Chainflex® CF270-UL-D from igus® is an ideal solution. Designed like a spindle cable, the CF270-UL-D is much thinner, ideal for supplying maximum power while staying within the confines of the machine tool.

### **High quality, low priced single core solutions**

The design of the spindle cable from igus is simple, and corresponds with igus' criteria for quality in its cables: a bend resistant conductor cable made of fine strands is shielded with a closed mesh and bend resistant copper wire braid with 80% optical covering to ensure excellent, permanent electromagnetic compatibility. The outer jacket is made of a low-adhesive PUR mixture in accordance to igus Energy Chain® cable carrier requirements. Oil resistant and notch resistant, as well as halogen free and suitable in deep-temperature applications, the CF270-UL-D corresponds well to the needs of the machine tool industry. Low priced, this cable is still a high-quality alternative to the available CF310-UL cable. The CF270-UL-D is available in 6 different conductor nominal cross sections, outside diameters, and copper numbers.

### **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 cable since 1989, igus provides the right solution from over 80,000 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).

**Captions:**

**Picture PR-111213-US-PUR-Spindle-Cable-01, igus Inc.**

The Chainflex® single core CF270-UL-D spindle cable.

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