

## Connecting up motors worldwide

### High-flex control cables now available with 600-volt UL AWM compliance

**East Providence, RI – August 29, 2012** – igus<sup>®</sup> has significantly upgraded two of its top-selling cables designed for flexing applications on automated machinery. Chainflex<sup>®</sup> CF5 control cables and shielded CF6 cables now comply with 600-volt AWM styles. The new, improved cables are available immediately from stock and at the same price as before.

By increasing the operating voltage to 600 volts, CF5 and CF6 control cables can now connect to motors worldwide — particularly in the US, where many motor applications require 480 volts. In addition, the new 600-volt cables can be used in applications where local electrical codes require cables to be the same voltage, regardless of their actual function. For example, if a 600-volt motor-power cable is used, any other cable installed alongside may also need to be insulated for 600 volts — even if it operates at a lower-operating voltage.

The new control cables have an outer PVC jacket that is resistant to oil, according to DIN EN. The conductors are bundled in very short pitch lengths around a highly tensile-resistant rope core and the copper stranding is optimized for dynamic use inside a cable carrier. These design features significantly increase the durability of the cables. Thanks to CF6's specially designed, braided shield, which has 90 percent coverage, high EMC protection is guaranteed even after millions of cycles.

igus has the largest range of continuous flex cables with UL compliance available from stock in the world. Currently, 65 percent of all Chainflex cables comply with UL standards.

- more -

## press release

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### About igus

igus develops industry-leading Energy Chain® cable carriers, Chainflex continuous-flex cables, iglide® plastic bushings, igubal® spherical bearings, and DryLin® linear bearings and linear guides. 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).

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