

igus measuring system cable is business class

25 % smaller radius chainflex measuring system cables - for the same price

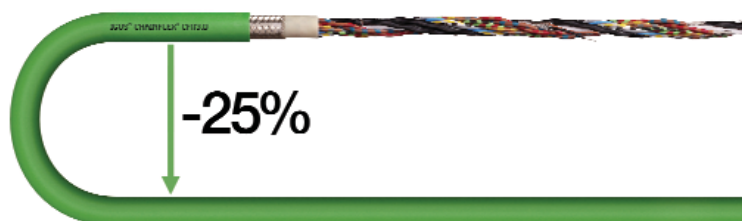
igus has optimized its chainflex measuring system cables CF113.D and CF11.D: The new igus measuring systems cables have been further developed for smaller radii with a bending radius of at least 7.5 x cable diameter and dispose of accordingly high-quality superstructures. They are available from stock as yard goods or ready-made in 20 manufacturer standards.

Measuring system cables communicate the movement of a motor back to the control. They are used in any manufacturing machines for example in wood processing or in machine tools, but also in storage and retrieval units, in semi-conductor assembly or crane applications. For this reason five different qualities of measuring system cables are available in the chainflex program. Because, for as many applications possibilities there are as many motor manufacturers that want delivery. At the customers disposable is a broad spectrum of 40 core cross section combinations.

Variety for almost any measuring systems

The chainflex cable program from igus provides a grand range of measuring systems cables for the use in energy supply systems. The cables are equipped with a PVC respectively PUR outer jacket for medium and high stresses. As a high-end solution for maximum stress the customer can go back to a TPE jacket. In addition there is a cable series for torsion applications. According to the drive technology systems from 20 manufacturers all cables are offered as ready-made yard goods or with plug connectors. 760 cable versions result in combination with the different measuring systems cables.

New in the program are the optimized measuring system cables of the series CF113.D and CF11.D for small radii with a bending radius of at least 7.5 x cable diameter. Both products offer optimized stranding and shield structures for especially small spaces and a high-quality substructure with gusset-filling pressure extruded inner jacket.



Picture PM2213-01:

The new igus chainflex measuring system cable CF113.D disposes of a 25 % lower bending radius compared to the previous version and is hence suited for small spaces. It has a bending factor of at least 7.5 x cable diameter.
(Source: igus GmbH)

High-end measuring system cables in PUR and TPE quality

CF11.D as well as CF113.D is developed for highest stress. Of the same high value is its cable structure: an especially durable conductor, inner and outer shield made of extremely bending-resistant copper shielding braid and an inner jacket made of TPE. With respect of the abrasion resistance the outer jacket has been especially optimized for requirements in energy chains.



The chainflex cable CF113.D is shielded with an outer jacket of a low-adhesion and highly abrasion-resistant mixture on the basis of PUR. A highly flexible TPE outer jacket protects the chainflex cable CF11.D. Both measuring system cables are coolant-resistant, hydrolysis and microbe-resistant, halogen-free and PVC-free and also oil resistant - the CF11.D even against bio oil. This allows inside and outside applications - even for travels of 100 meters (CF113.D) up to 400 meters (CF11.D). Above that the CF113.D is flame-retardant and notch-resistant. It is in accordance with UL, CSA and NFPA approvals, which makes it interesting for requirements in machine tool building. chainflex CF113.D and CF11.D are standardized in accordance with the Desina-standard.

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About igus®:

The igus GmbH is a world's leading manufacturer in the field of energy chain systems and polymer plain bearings. The family-run company is based in Cologne, represented in 29 countries and contracts 2,200 employees worldwide. In 2012 igus generated a turnover of 399 million Euro. igus operates the largest test laboratories and fabrics in its branch to offer customers innovative and tailor-made products and solutions within the shortest time.

The terms "igus, chainflex, readycable, easychain, e-chain, e-chainsystems, energy chain, energy chain system, flizz, readychain, triflex, twisterchain, invis, drylin, iglidur, igubal, xiros, xirodur, plastics for longer life, manus, vector" are legally protected trademarks in the Federal Republic of Germany and, where applicable, in some foreign countries.