

igus[®] readychain[®] & readycable[®]

Ready-to-install energy supply systems.
Cables with connectors.
Minimise process costs.
Everything from a single source.

Assembled energy supply systems, connectors and cables from igus®. Everything from one source, directly from the manufacturer, delivered quickly to your machine



Ready-to-install systems, from connectors through assembled cables up to complex energy supply modules, delivered in 1-10 days



Customer-specific production



From one off to mass production

readychains® - increase your capacity and cash flow quickly with igus®

- Reduce overhead costs
- Reduce your throughput times from days to hours
- Respond flexibly to order variations
- Utilise igus® manufacturing capacities and our know-how in cable assembly

Reduce the number of suppliers and orders by 75%

- One order, one invoice, one delivery
- A partner for minimal machine downtimes
- All readychain® components are subjected to extensive quality checks and function tests

Industrially harnessed energy chain modules direct from the manufacturer ... You decide the quantity, the travel and the degree of harnessing ...

3 Benefits: readychain® basic



- 1 ONE supplier - combine all component suppliers
- 2 Reduce assembly time
- 3 Reduce failures

Reduction of assembly time
Reduction of logistics cost
Procurement optimisation



Further information, videos, configurators and product finders ► www.igus.eu/RCbasic

6 Benefits: readychain® standard



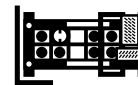
- 4 No electrical termination needed
- 5 100% digitally tested
- 6 No cable surplus

Reduction of assembly time
Reduction of logistics cost
Procurement optimisation



Further information, videos, configurators and product finders ► www.igus.eu/RCstandard

9 Benefits: readychain® standard+



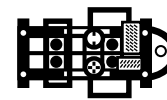
- 7 Reduce interfaces
- 8 Optimise connections/interfaces
- 9 Ready-to-install multi-axis system

Reduction of assembly time
Reduction of logistics cost
Procurement optimisation



Further information, videos, configurators and product finders ► www.igus.eu/RCstandard+

13 Benefits: readychain® premium



- 10 Optimise your transport / assembly
- 11 One single assembly
- 12 One Part No. / Product group
- 13 Plug & play

Reduction of assembly time
Reduction of logistics cost
Procurement optimisation



Further information, videos, configurators and product finders ► www.igus.eu/RCpremium

Up to 1,600 readychain® systems per week, over 4,700m² floor space, "chain-cable-guarantee" since 1989. 3 shifts, 24 project engineers, 359 employees just for assembly



In the igus® readychain® factory, we assemble customised e-chain systems®. All under one roof



Up-to-date production processes, custom-build or serial production



Full service from system acceptance to installation



14 readychain® factories worldwide



Customised cable assembly

Everything from one source 1

The readychain® system includes pre-assembled, customised e-chain systems®. The "Plug & Play" solutions are configured, manufactured and delivered according to individual customer specifications. The use of the mounting rack can yield benefits even at low quantities.



Flexible components 2

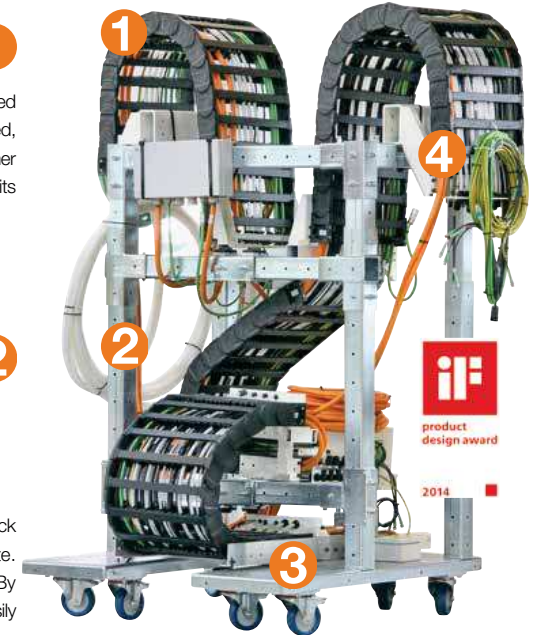
The telescopic supports and braces of the readychain® rack allow flexible adaptation to the installation needs on site. Changes in serial production can be undertaken easily. By using modular parts, additional components can also be easily attached to the rack.

Sustainable use 3

The components of the readychain® rack are galvanised and thus designed for a long life. Each rack can be constructed within a few hours. The individual elements can be reused at any time removing the need to dispose of custom made parts, such as conventional welded transport racks.

Precise fitting "Plug & Play" 4

All interfaces and attachments are designed in such a way that the installation of the e-chain® can be managed quickly and easily. The complete package includes the matching plugs and connectors, plates, sensor actuator boxes, linear bearings, links to the central lubrication, etc., all reducing the installation time considerably.



80% savings during prototyping. Assembly transport rack for ready-to-install energy supply systems.



igus® connectors



Round connector kit



Square connector kit



Tools and accessories

igus® readycable®



4,600 drive cables suitable for 24 manufacturers, in 7 cable qualities



Catalogue standards: video-/vision-/bus technology



Catalogue standards: network/ethernet/FOC/Field bus



Catalogue standards: CF.INI initiator cables up to 4 x d

igus® hoses and attachments



Configured online with hose cable configurator



readychain® service

- We visit you
- Define interfaces
- Logistics planning
- Cycle integration
- Time schedule



System acceptance on your machine



readychain® service

- Component selection
- Interface optimisation
- Documentation
- Integrated project management
- Cost optimisation



Project planning



readychain® Skype service*

- Initial acceptance from your work place
- Build your prototype with an igus® project engineer, live in your meeting
- Your requests for changes explained with a model or visit us for production acceptance

*Only available in Germany



Prototype including transport rack



readychain® installation

- System installation by igus® specialists
- igus® supervision service for your own installation
- Transparent, fixed price



Installation on site

Capacity for 600,000 assembled cables a year, more than 18,000 test programmes, 1,800 test adapters



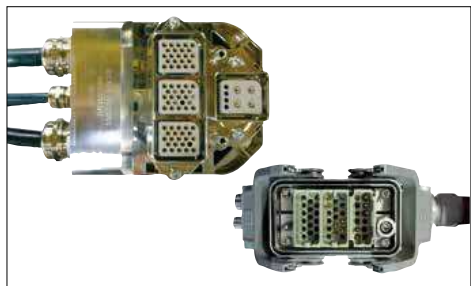
Process reliability - crimp forces monitored, automated and time-optimised



Computer-based high-voltage testing and inspection of all assembled cables



Modern machinery - automatic stripper-crimper



Special cable assemblies to your specifications



Unique guarantees for e-chains® and chainflex® cables



In our warehouse the material waits for your order and not your order for the materials!



igus® warehouse for e-chains®:

100,000 e-chain® components ... hundreds of metres of guide troughs ... numerous strain relief solutions



igus® warehouse für chainflex® cables:

5 million metres of cable ... 3,800m² test lab with more than 15,000 tests every year ... more than 8,000 cables per week



igus® warehouse for harnessing:

5,000 connector components ... everything ready for use immediately ... just-in-time

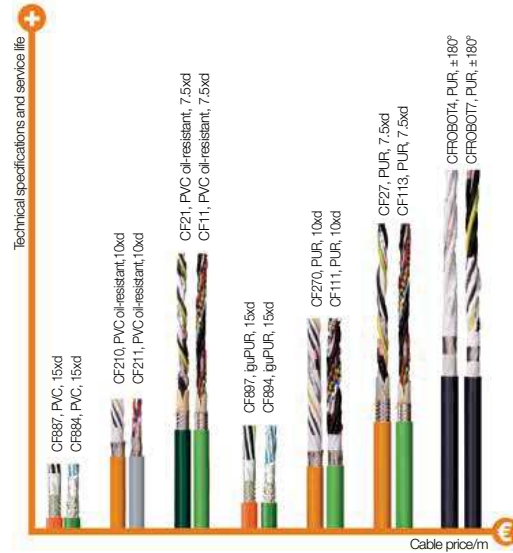
No. 1 in moving, harnessed cables for e-chains®

The most cost-effective cable for your drive

igus® offers 7 price levels with the same electrical properties for readycable® harnessed drive cables to your requirements:

- From ± 180° torsion to small movements
- From the smallest to the largest radii
- For outdoor or indoor applications
- Seven different outer jacket materials
- As chainflex® measuring system and servo cables

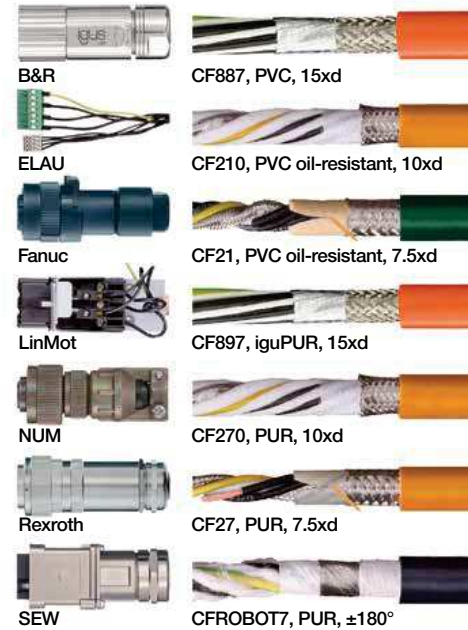
Find drive cable and calculate the savings potential ► www.igus.eu/readycable-finder



Harnessed drive cables - your alternative to 24 manufacturers

... Allen Bradley ... B&R ... Baumüller ... Beckhoff ... Berger Lahr ... Control Techniques ... Danaher Motion ... ELAU ... Fagor ... Fanuc Festo ... Heidenhain ... Jetter ... Lenze ... LinMot ... LTI DRIVES ... Mitsubishi Electric ... NUM ... Omron ... Parker ... Rexroth ... SEW ... Siemens ... Stöber ...

Example:



- Always find the most cost-effective solution for your application
- Seven price levels with the same electrical properties
- 4,600 drive cables suitable for 24 manufacturers, in 7 cable qualities
- With up to 36 months guarantee for every chainflex® cable
- To your required length
- No cutting charges
- Each cable electrically tested
- Configure drive cables online
- Fast delivery - up to 25 cables from the current catalogue range in 24hrs

60,000 test programmes

- High-voltage tests
- Digital continuity test
- 1,800 test adapters
- Custom tests

More information ► www.igus.eu/test

Predictable reliability ... tested!

- With up to 36 months igus® guarantee for every cable and e-chain®**
- More than 2.0 billion test strokes per year
- 1.4 million electric measurements per year
- Security for machine builders
- Clear statements on durability and service life
- Unique in the market (as of 10/2020)

More information

- www.igus.eu/chainflex-guarantee
- www.igus.eu/e-chain-guarantee



** The igus® e-chain® guarantee of up to 36 months is valid for the number of double strokes calculated according to the online service life calculator (www.igus.eu/info/energy-chains-service-life-calculator). The guarantee conditions available at [www.igus.eu/guarantee] apply.
 The igus® chainflex® guarantee of up to 36 months is valid for the number of double strokes calculated according to the online service life calculator (www.igus.eu/ChainflexTools/ServiceLifeCalculator). The guarantee conditions available at [www.igus.eu/guarantee] apply.