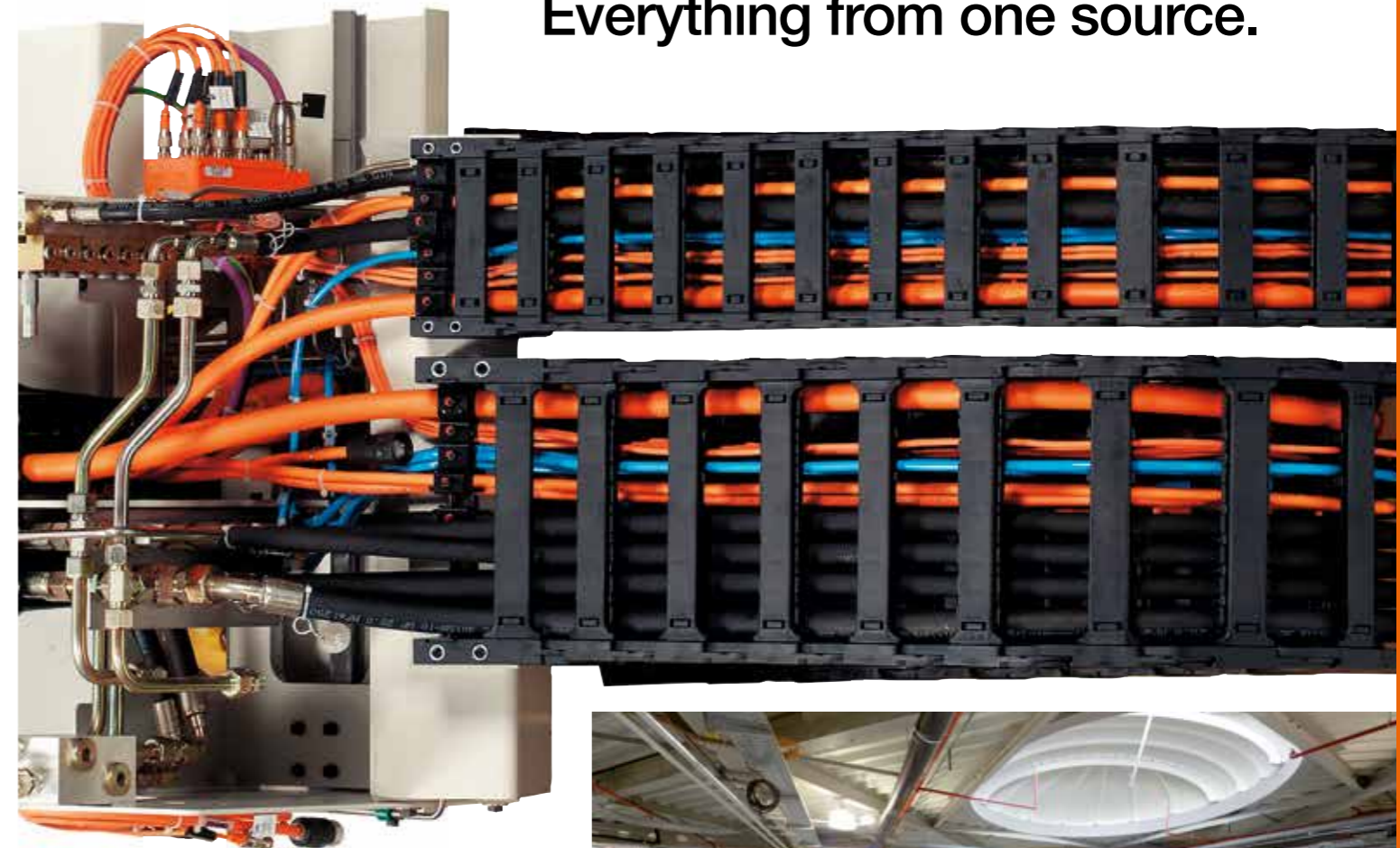


# igus<sup>®</sup> readychain<sup>®</sup> & readycable<sup>®</sup>

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





Harnessed energy supply systems, connectors, cables and attachment parts by igus® ...  
Everything from one source - directly from the manufacturer - quick delivery 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

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

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



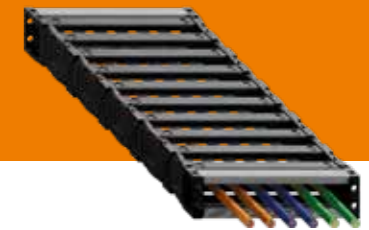
From one off to mass production

Reduce the number of suppliers and orders by 75%

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

Industrial harnessed energy chain modules directly from the manufacturer ... you decide quantity, travel distance and level of harnessing ...

### 3 Benefits: readychain® basic



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

Reduction of assembly time  
Reduction of logistics cost  
Optimisation of procurement process



Further information, videos, configurators and product finders  
▶ [www.igus.eu/RCbasic](http://www.igus.eu/RCbasic)

### 6 Benefits: readychain® standard



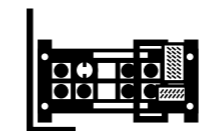
- 4 No electrical termination needed
- 5 100% digitally tested
- 6 No cable surplus

Reduction of assembly time  
Reduction of logistics cost  
Optimisation of procurement process



Further information, videos, configurators and product finders  
▶ [www.igus.eu/RCstandard](http://www.igus.eu/RCstandard)

### 9 Benefits: readychain® standard+



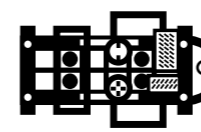
- 7 Reduce interfaces
- 8 Optimise points of connection/interfaces
- 9 Ready-to-install multi-axis system

Reduction of assembly time  
Reduction of logistics cost  
Optimisation of procurement process



Further information, videos, configurators and product finders  
▶ [www.igus.eu/RCstandard+](http://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  
Optimisation of procurement process



Further information, videos, configurators and product finders  
▶ [www.igus.eu/RCpremium](http://www.igus.eu/RCpremium)



600 orders/week, more than 3,000m<sup>2</sup> of floorspace, "chain-cable guarantee" since 1989... 3 shifts, 13 project engineers, 160 employees dedicated only to harnessing



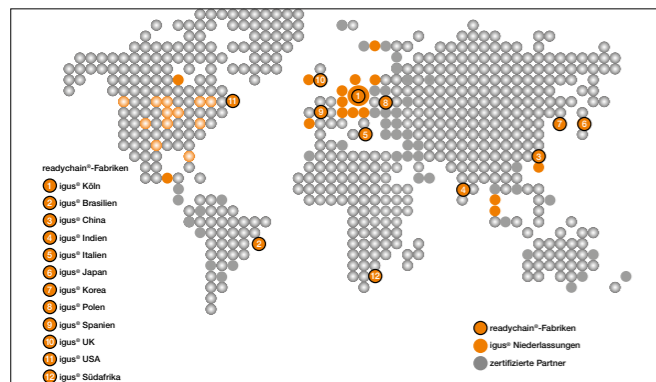
Ready-to-install systems, from connectors through assembled cables up to complex energy supply modules, delivered in 1-10 days



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



Customised cable assembling



12 readychain® factories worldwide



Full service from system acceptance to installation

**1 Everything from one source**

The readychain® includes pre-harnessed, customised energy chain systems. The "plug and play" solutions are configured, manufactured and delivered according to individual customer specifications. The use of the transport rack can yield benefits even at low quantities.



**2 Flexible components**  
The telescoping supports and braces of the readychain® rack allow flexible adaption to the installation on site. Changes in mass production can be undertaken easily. Additional components can also be easily attached to the rack due to the modular joining mechanism.

**3 Sustainable use**

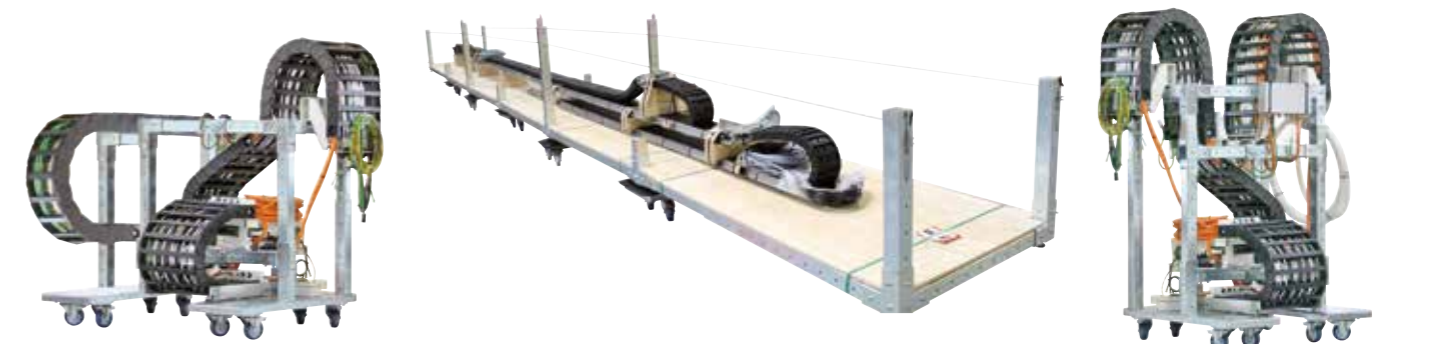
The components of the readychain® rack are galvanised and thus designed for a long life. Each rack is constructed within a few hours. The individual elements can be reused at any time removing the need to dispose of custom made parts - as with conventional welded transport racks.

Save 80% when prototyping:  
Assembly transport rack for ready-to-install energy supply systems.



**4 Precisely fitting plug & play**

All interfaces and attachments are designed in such a way that the installation of the energy 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.





igus® connectors



Round connector kit

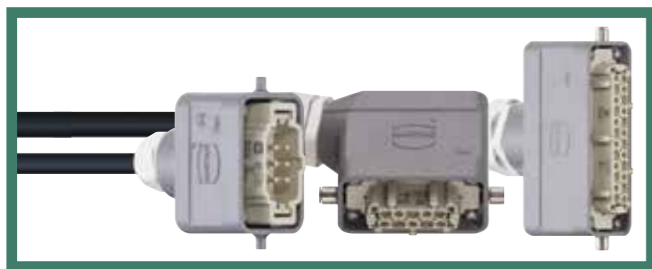


D-Sub as a service kit



Tools and accessories

igus® readycable®



Control cables with industrial connectors



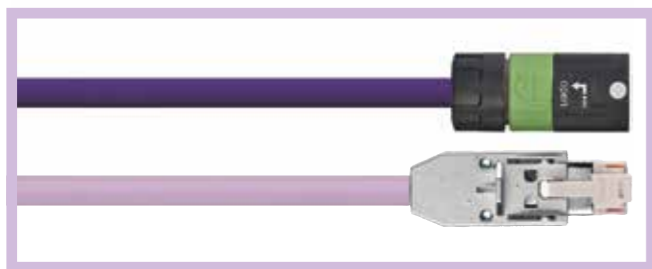
Harnessed dress packs and cables for robots



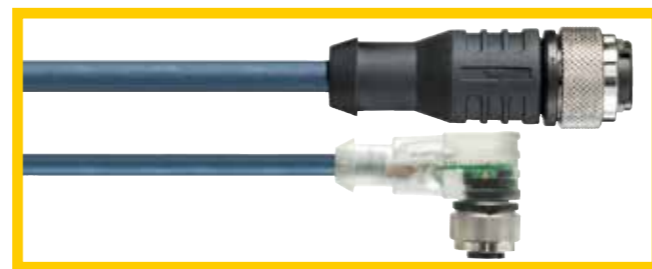
Drive technology: more than 4,200 cables



Catalogue standards: video/vision/bus technology



Catalogue standards: network/Ethernet/FOC/Field bus



Catalogue standards: initiator cables down to 4 x d

igus® hoses and attachments



Configured online with hose cable configurator - to meet your needs



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 change explained with a model ... or visit us for acceptance in production

\*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



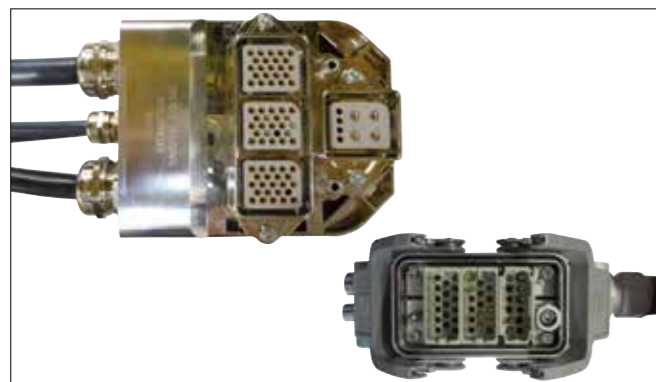
Process reliability ... crimp forces monitored ... automated ... time-optimised ...



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



Modern machinery ... automatic stripper-crimper



Special cable assemblies



Worldwide system guarantee



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

e-chains® ...



90,000 e-chain® components

... chainflex® cables ...



3 million metres of cable on stock

... harnessing



3,500 connector components



Hundreds of metres of guide troughs



3,800m² igus® test lab - more than 8,000 tests every year



Quickly within reach



Numerous strain relief solutions



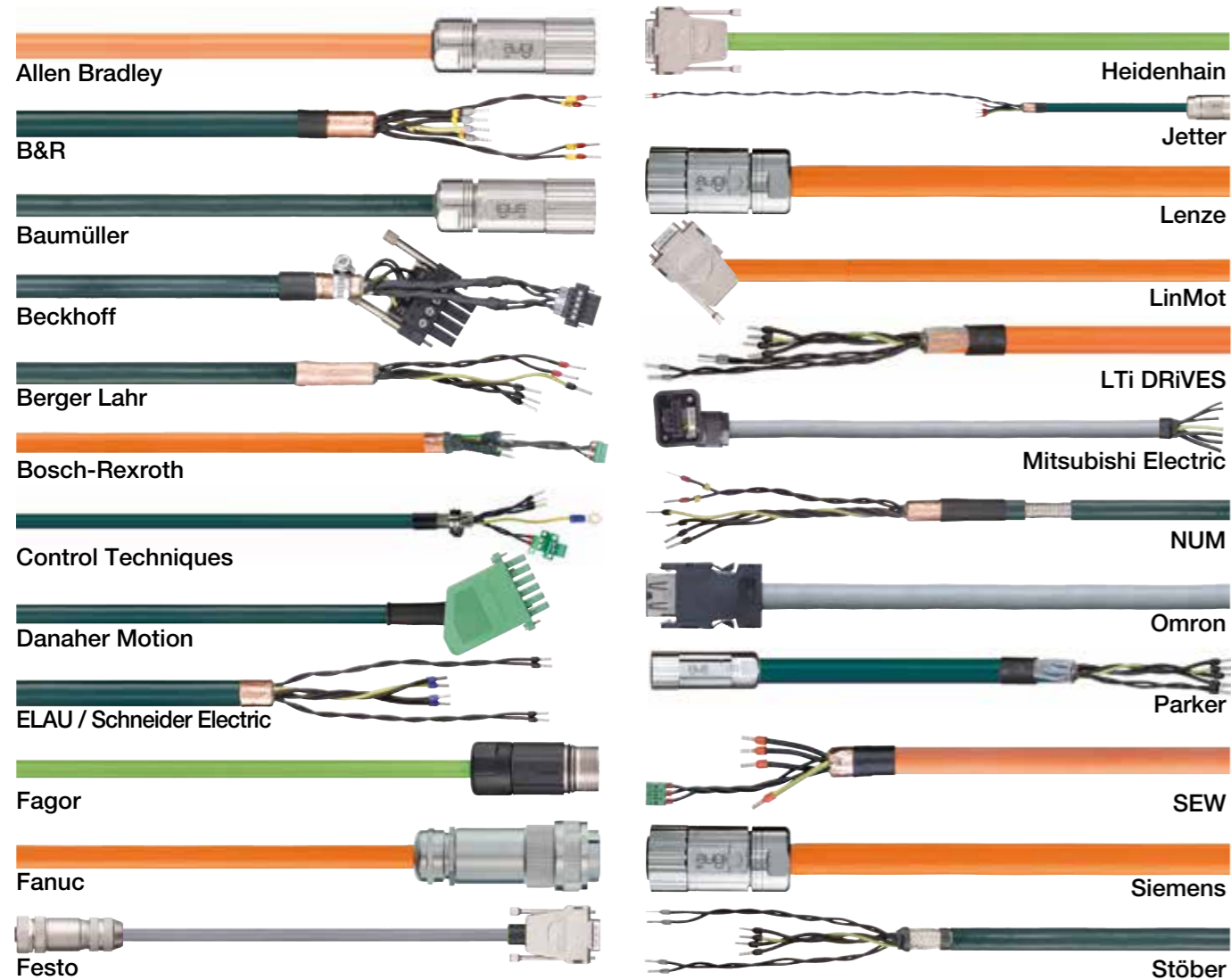
More than 8,000 cables per week



Just in time supply



readycable® – harnessed cables in 24hrs or today



- igus® offers more than 5,000 harnessed cables online
- Servo, motor and signal/encoder cables suitable for 24 manufacturers
- No cutting costs, no surcharges for small quantities and packaging
- Cable length accurate to the centimetre to the customer spec
- Smallest bend radii from 7.5 x d
- Reduce storage costs and increase cashflow
- Available in 24hrs or today

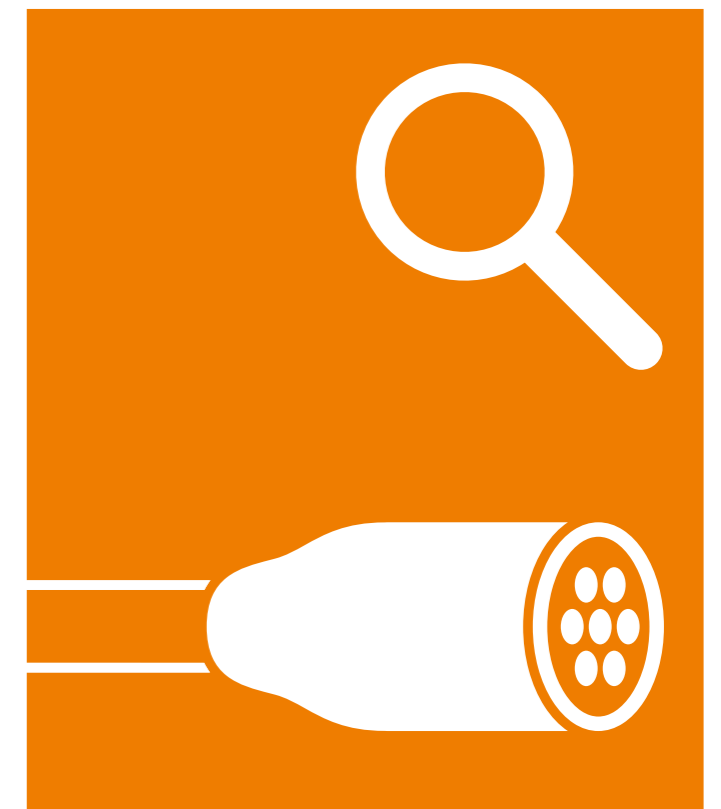
... over 5,000 drive cables ... in just 8 seconds ...  
readycable® finder 2.0



Ready-to-connect drive cables -  
find and choose online in seconds

- Find drive cables suitable for 24 manufacturers quickly and easily online
- Price for different cable lengths and batch sizes available instantly
- Search by manufacturer or igus® part number
- Important information such as jacket material, oil resistance or bend radius at a glance
- Submit an enquiry or order with just one click
- 5,000 drive cables, suitable for 24 manufacturers, to choose from

- 1 Enter manufacturer or igus® part number
- 2 Compare cables with different jacket materials
- 3 Choose and order directly/ submit enquiry



[www.igus.eu/readycable-finder](http://www.igus.eu/readycable-finder)