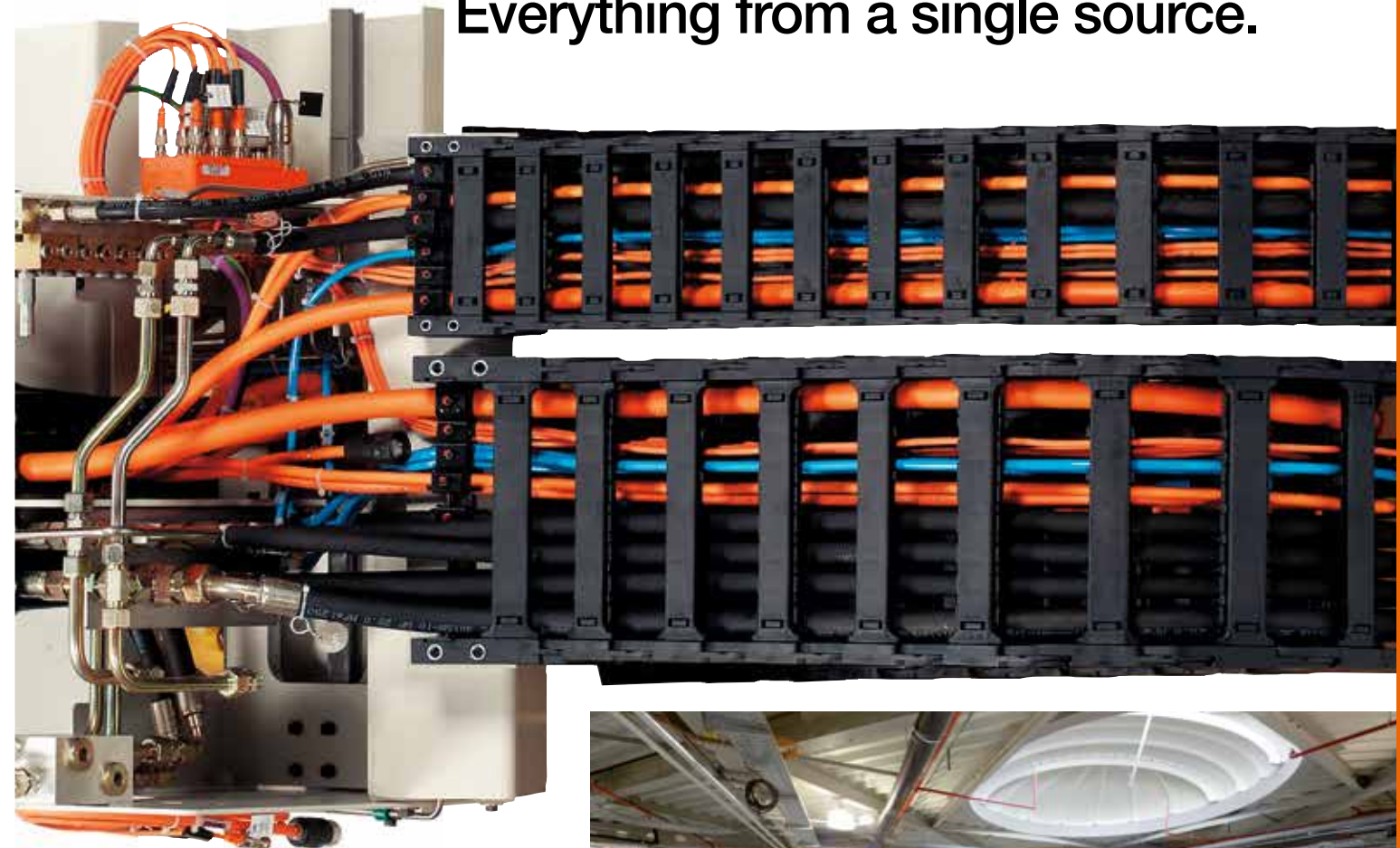


# igus<sup>®</sup> ReadyChain<sup>®</sup> & ReadyCable

Ready-to-install energy supply systems.  
Cables with connectors.  
Minimize process costs.  
Everything from a single 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-related production

## ReadyChains® - Increase your capacities and cash flow quickly with igus®

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

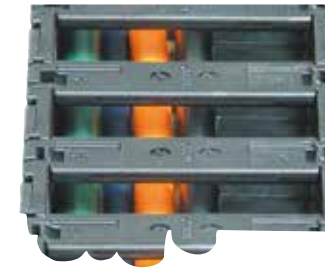


From one off to mass production

## Reduce the number of suppliers and orders by 75%

- One order, one invoice, one delivery
- A partner for minimal machine downtimes
- All ReadyChain® components are subject to an extensive quality control and function testing

## You determine the degree of harnessing

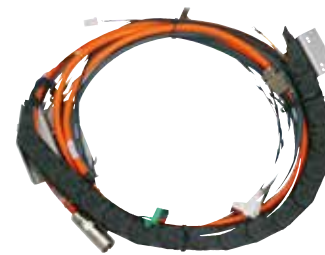


### Any degree of harnessing is possible

We harness from simple e-chainsystems® with inserted chainflex® cables to complex systems. These systems may include all cables and hoses (pneumatic, hydraulic) patch plugs, inner partitions, connecting elements and connecting parts as requested.



## You determine the batch size



### Any batch size possible

Up-to-date production processes, custom-build or serial production. Fast and cost-effective delivery.



From batch size 1 ..... to serial production

## You determine the travel



### Choosing the travel

ReadyChains® offers the whole spectrum of possible travels of the igus® e-chains®. We harness anything from extremely short to long travels. Safe transportation guarantees damage-free delivery of all lengths.

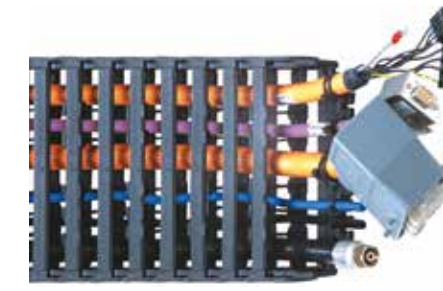


From short ..... to long travel

## Standardized ReadyChain®-packages facilitate your entry



ReadyChain® "Basic"



ReadyChain® "Standard"



ReadyChain® "Premium"



600 orders/week, more than 32,300 ft² of floorspace, "chain-cable guarantee" since 1989... 3 shifts, 13 project engineers, 160 employees dedicated only to harnessing



In the igus® ReadyChain® factory, we assemble customized e-chainsystems®. All under one roof. All from one source.



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



Customised cable assembling



12 ReadyChain® factories worldwide



Full Service: from system acceptance to assembly

## Everything from a single source

The ReadyChain® includes pre-harnessed, customised energy chain systems®. The "plug in and ready" 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

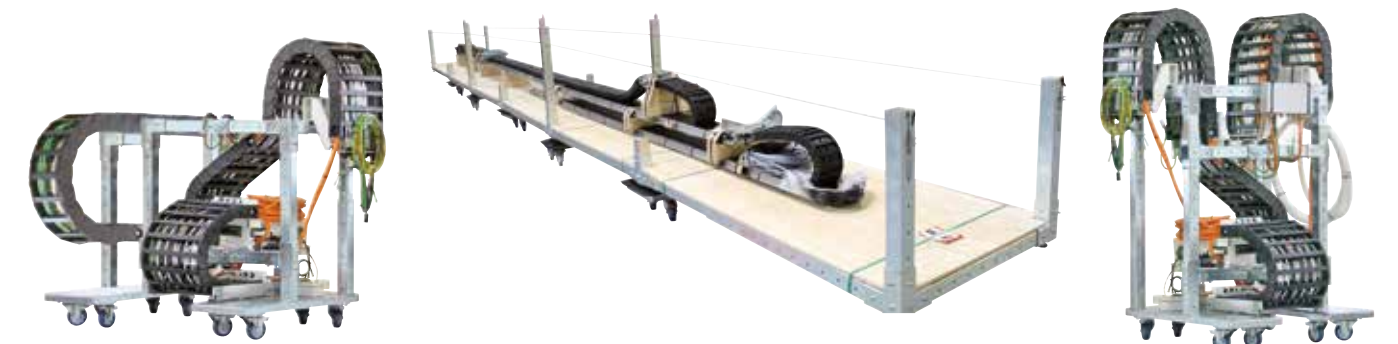
The telescoping supports and braces of the ReadyChain® rack allow flexible adaption to the installation situation on site. Changes in mass production can be undertaken easily. By the latching mechanism, additional components can also be easily attached to the rack subsequently.

## Sustainable use

The components of the ReadyChain® rack are galvanized 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.

## Precise fitting "Plug & Play"

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.





## igus® Connectors



Round plug connector kit

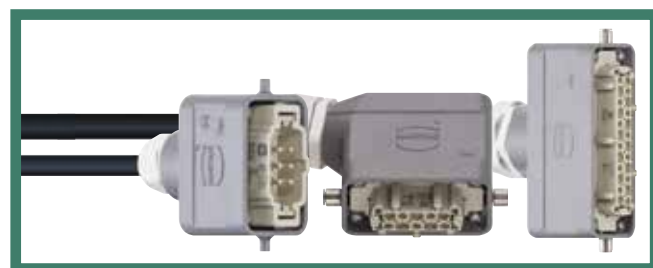


D-sub in the service kit



Tools and accessories

## igus® ReadyCable



Control cables with industrial connectors



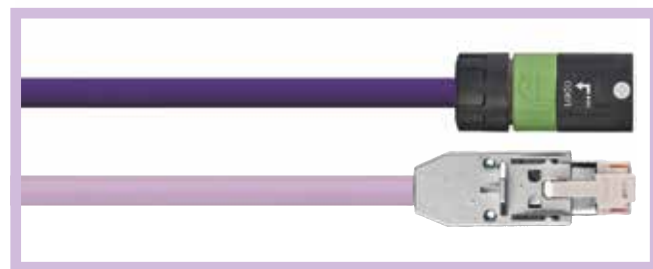
Harassed hose packages and cables for robots



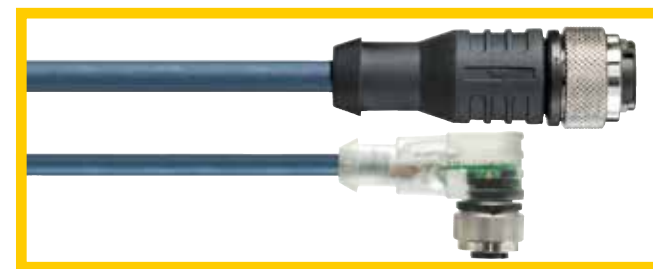
Drive technology: More than 4,000 cables



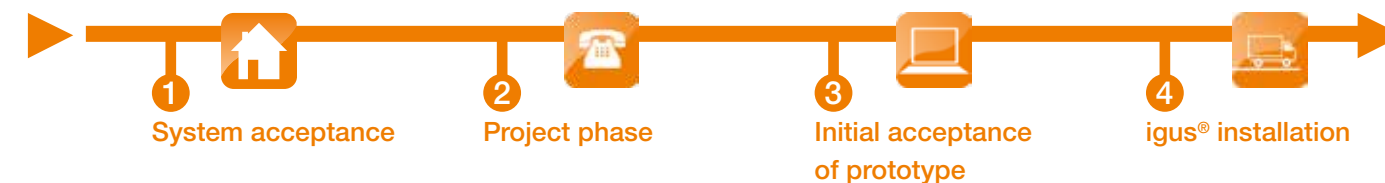
Catalog standards: Video-/vision-/bus technology



Catalog standards: Network/Ethernet/FOC/Field bus



Catalog standards: Initiator cables up to 4 x d



### ReadyChain® service

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



System acceptance on your machine

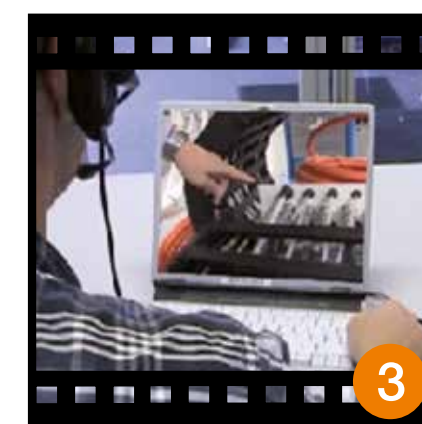


### ReadyChain® service

- Component selection
- Interface optimizations
- Documentation
- Integrated project management
- Cost optimization



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 acceptance in production

\* only available in Germany



Prototype including transport rack



### ReadyChain® installation

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



Installation on site



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



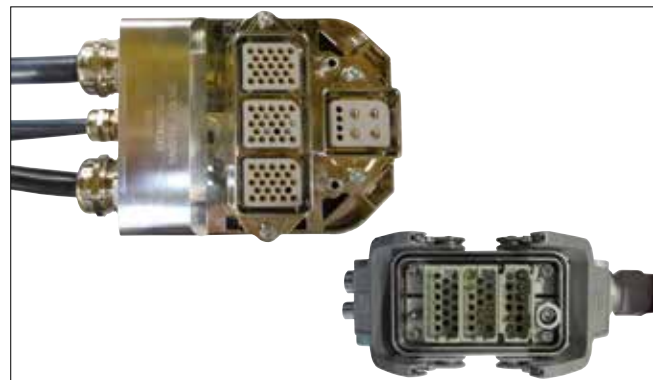
Process reliability ... Crimp force monitored ... automated ... time-optimized ...



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



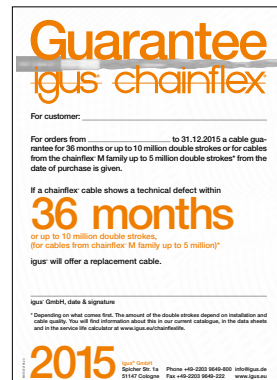
Modern machinery - automatic stripper-crimper



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 meter of cables on stock

... harnessing



3,500 connector components



Hundreds of meters of guide troughs



29,600 ft² test lab - more than 8,000  
tests every year



Quickly within reach



Numerous strain relief solutions



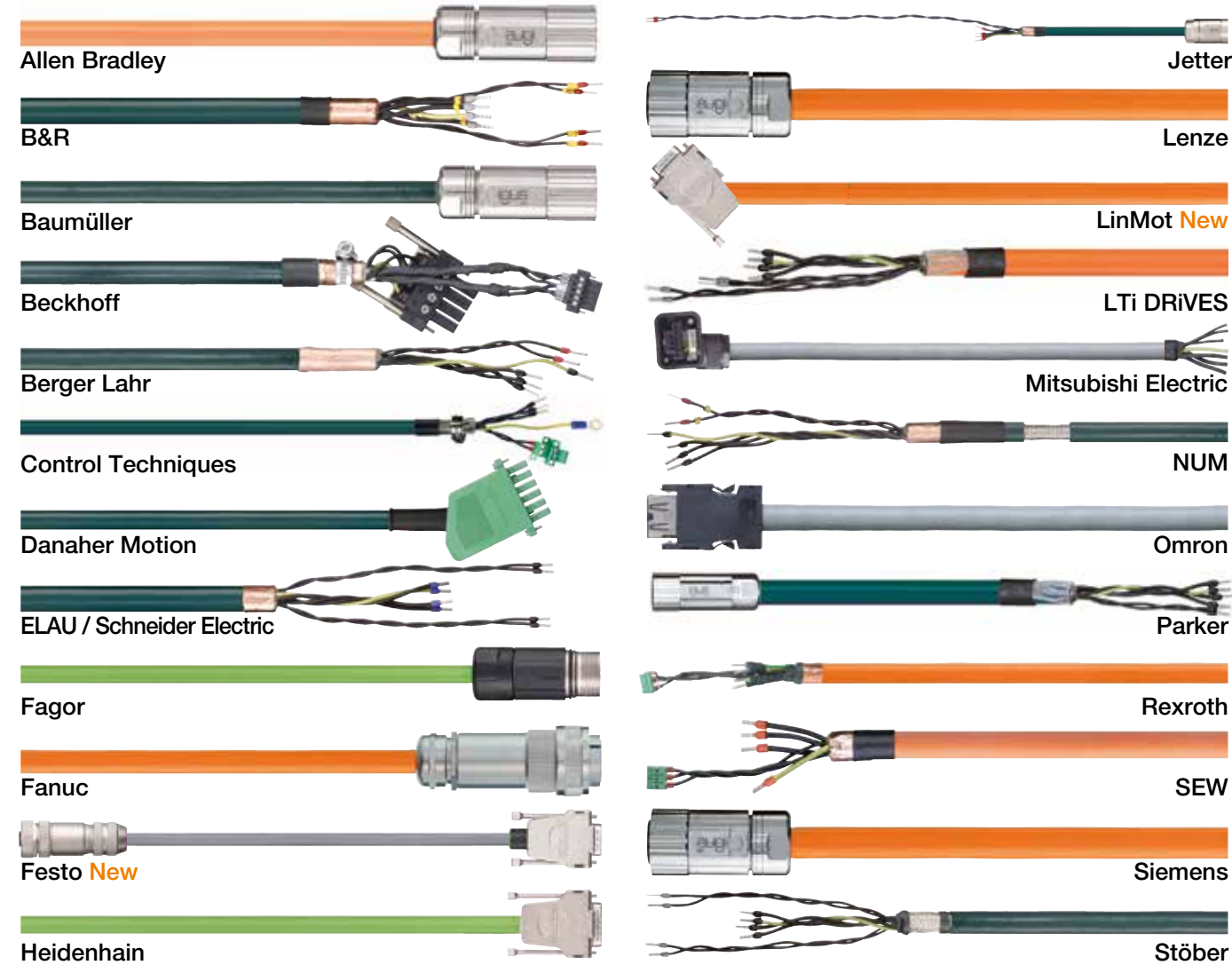
More than 8,000 cables per week



Just in time supply



## ReadyCable - harnessed cables in 24-48h



- igus® offers more than 4,000 harnessed cables online
- Servo, Motor and Signal/Encoder cables according to 24 manufacturers standards
- No cutting costs, no surcharges for small quantities and packaging
- Cable length accurate to the inch per customer spec
- Smallest bending radius from 7.5 x d
- Reduce storage costs and increase cashflow
- Available in 24h



**QuickPin 2.0**  
Connector-cable configurator  
integrated directly in EPLAN P8.  
[www.igus.com/quickpin](http://www.igus.com/quickpin)

## ReadyCable M - Injection-molded cables



As individual as your project - injection-molded connectors from igus®

- Various sizes:  
M8, M12, M23, M40, USB 3.0 etc.
- Sizes M23+M40  
with SpeedTec® quickrelease fastener
- Angled versions
- According to UL/CSA standard
- Individual customer logo possible
- ESD material for ATEX-areas
- Tamper-proof
- Tight according to IP66/67 already  
before the molding process
- 360° shielded
- Space and weight saving



Professionally injection molded - molding M23



Harnessed to your specifications



100% tested: test field



100% tested: digital continuity test