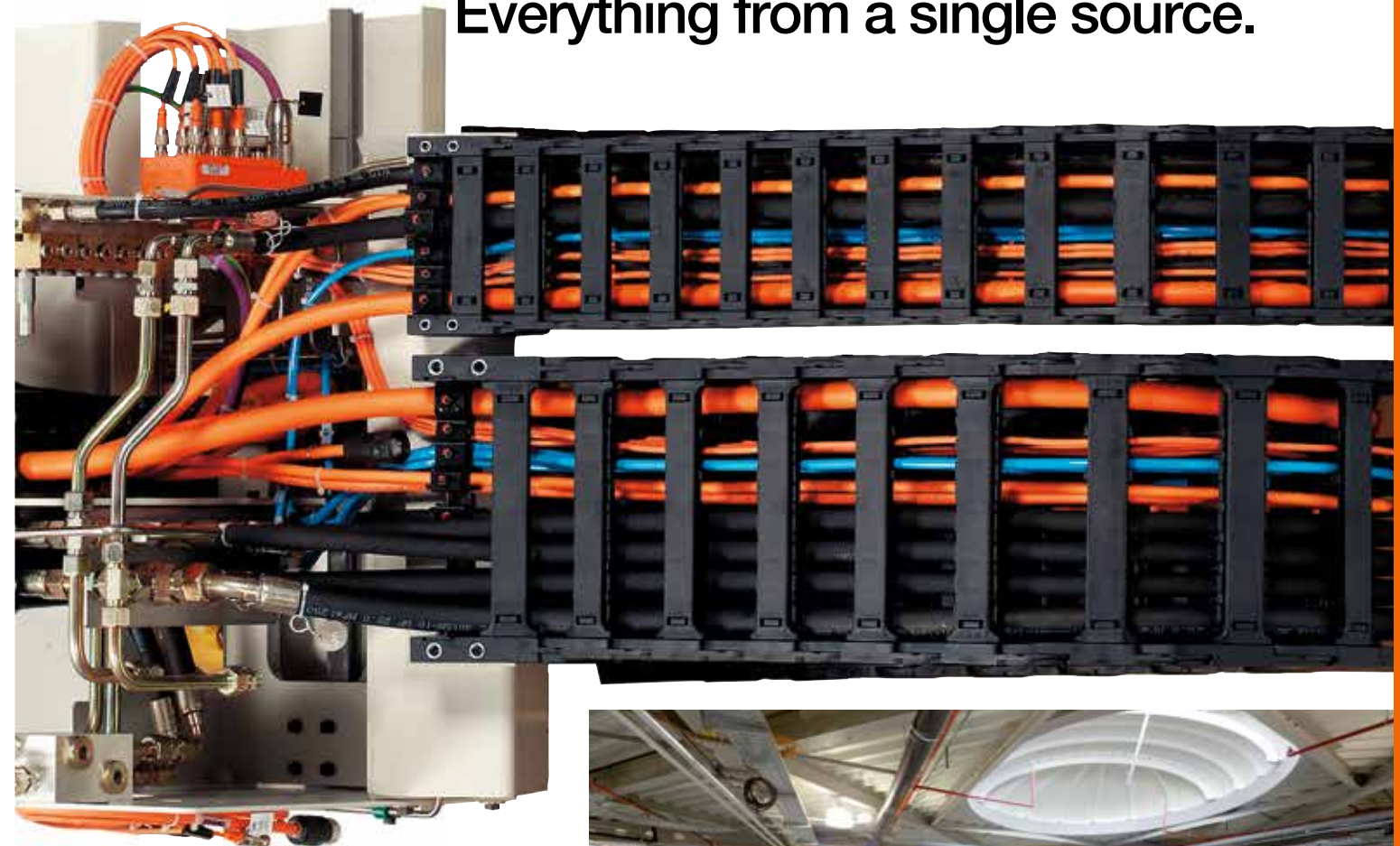


igus[®] readychain[®] & readycable[®]

Ready-to-install energy supply systems.
Cables with connectors.
Minimise 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-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
- Utilize igus® manufacturing capacity 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 subject to an extensive quality control and function testing

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

3 Benefits: readychain® basic



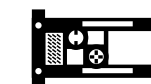
- 1 ONE supplier – combine suppliers
- 2 Reduce assembly time
- 3 Reduce failures

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



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

6 Benefits: readychain® standard



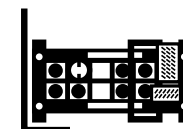
- 4 No electrical termination needed
- 5 100% digitally tested
- 6 No cable surplus

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



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

9 Benefits: readychain® standard+



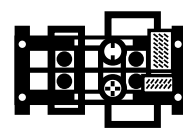
- 7 Reduce interfaces
- 8 Optimise points of connection/interfaces
- 9 Ready-to-install multi-axis system

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



Further information, videos,
configurators and product finder
► 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 costs
Optimisation of procurement process



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

600 orders/week, more than 3,000 m² of floorspace, "chain-cable guarantee" since 1989... 3 shifts, 13 project engineers, 160 employees dedicated only to harnessing



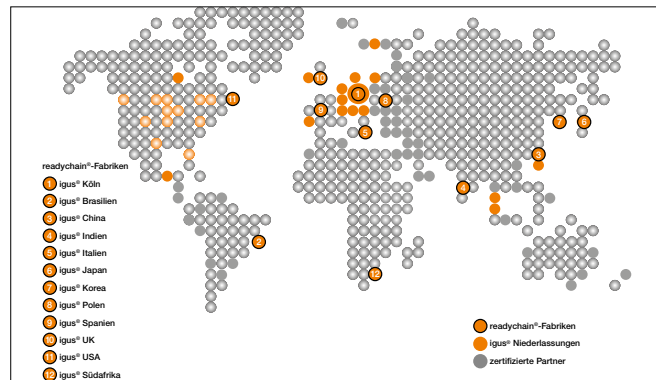
In the igus® readychain® factory, we assemble customized e-chain systems®. All under one roof. All from one source.



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



Customised cable assembling



12 readychain® factories worldwide



Full Service: from system acceptance to assembly

1 Everything from a single 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.



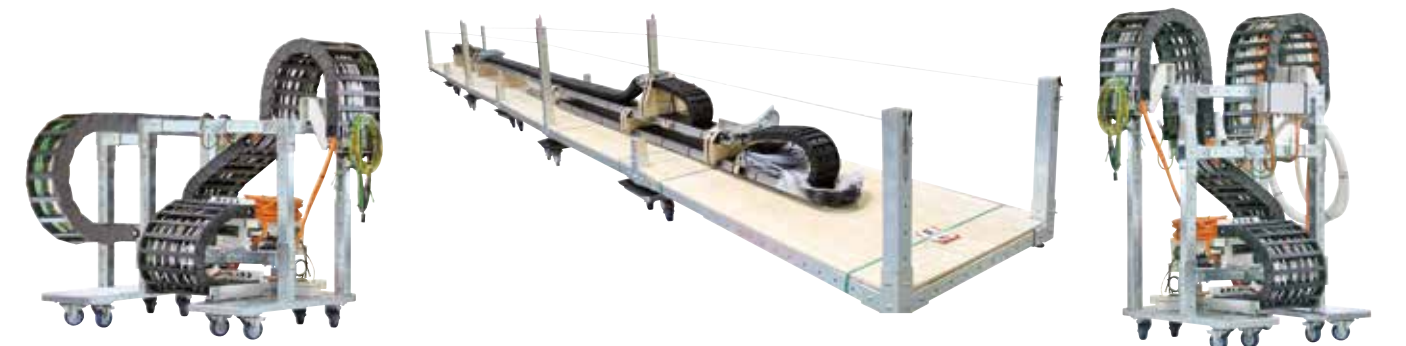
Save 80% when prototyping.
Assembly transport rack for ready-to-install energy supply systems.

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.

4 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

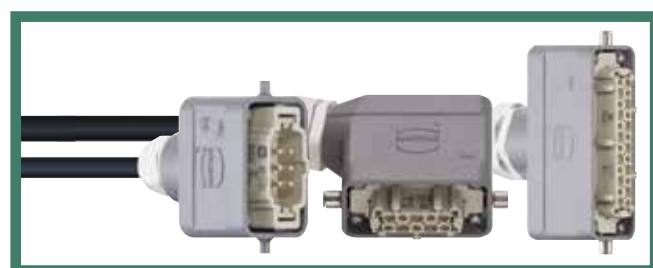


D-sub as a service kit



Tools and accessories

igus® readycable®



Control cables with industrial connectors



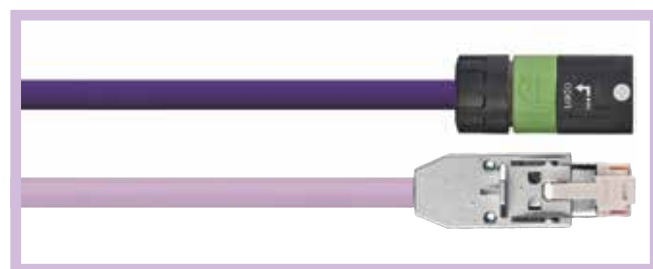
Harnessed hose packages and cables for robots



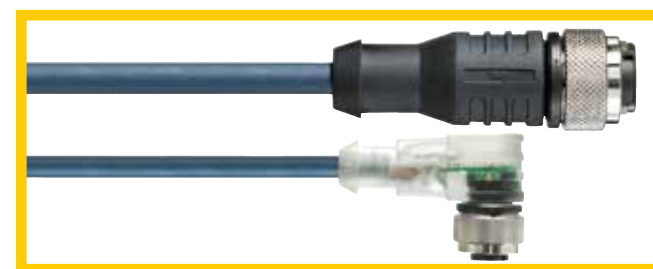
Drive technology: More than 4,000 cables



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



Configurable online with hose cable configurator - to meet your needs



readychain® service

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

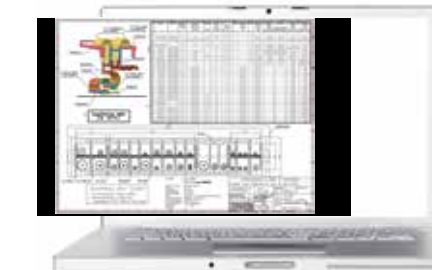


System acceptance on your machine

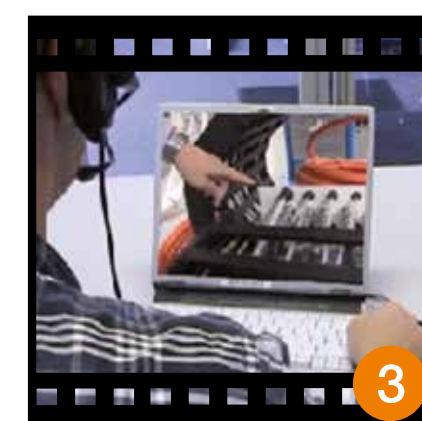


readychain® service

- 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 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 programmes ... 1,800 test adapters



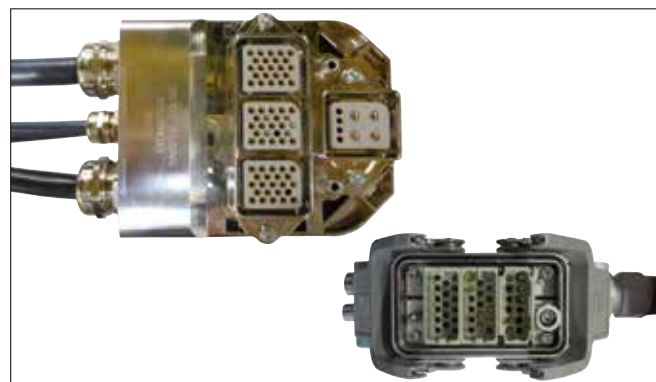
Process reliability ... crimp force monitoring ... automated ... time-optimised ...



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 cables on stock

... harnessing



3,500 connector components



Hundreds of metres of guide troughs



2,750 m² test lab - more than 8,000
tests every year



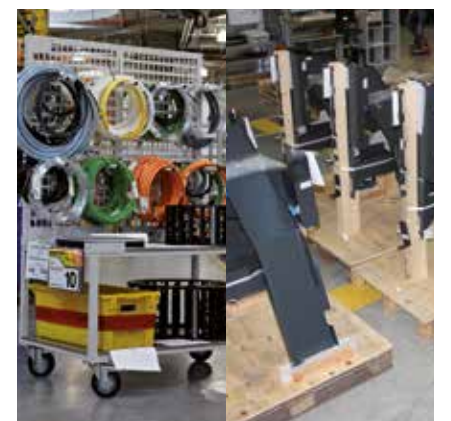
Quickly within reach



Numerous strain relief solutions

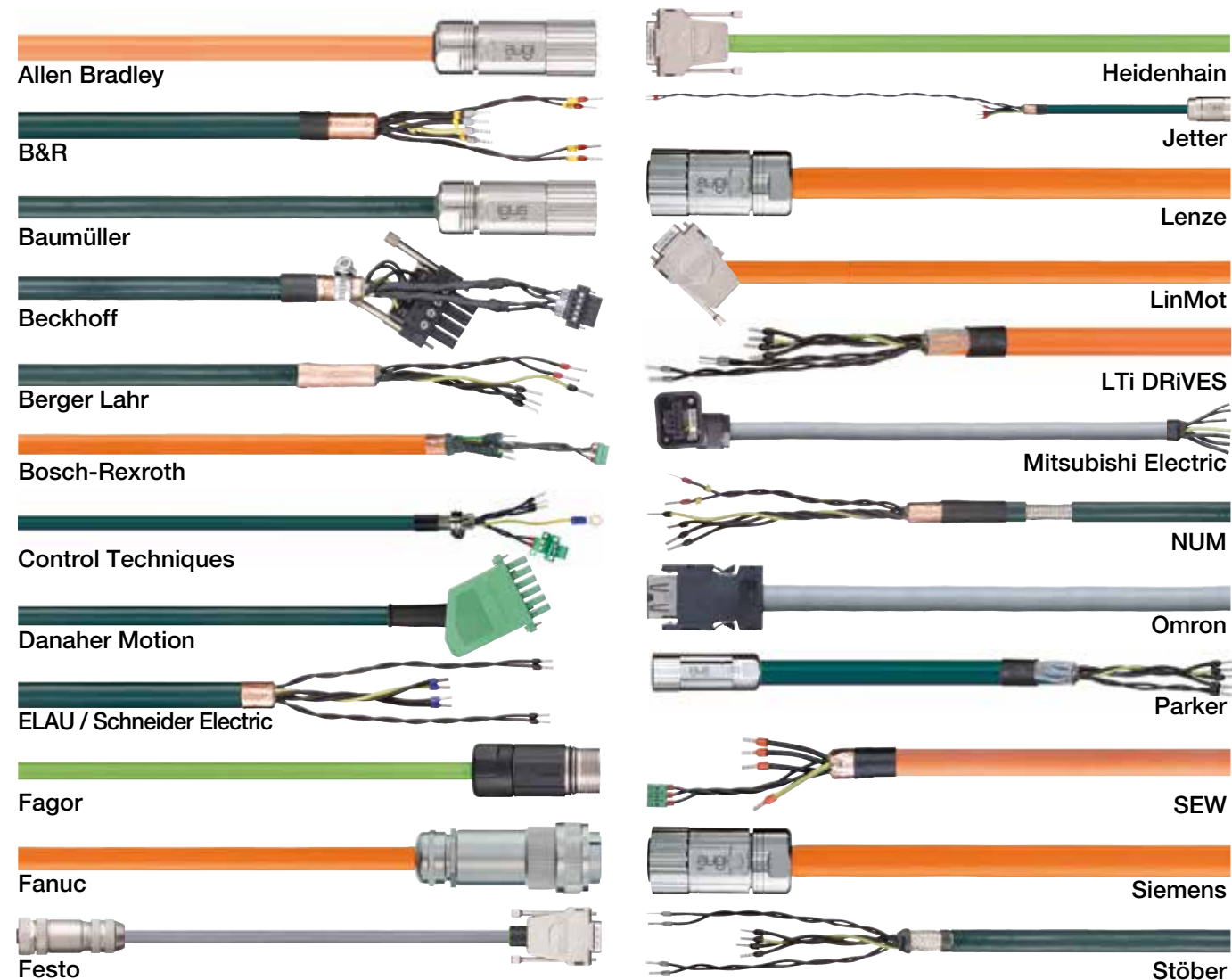


More than 8,000 cables per week



Just in time supply

readycable® – harnessed cables in 24h or today



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



QuickPin 2.0
Connector-cable configurator
integrated directly in EPLAN P8.
www.igus.eu/quickpin

ePLAN®
electric8

igus

readycable® M – Injection-molded cables



Professionally injection moulded – moulding M23

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
- Sealed according to IP66/67 already
before the molding process
- 360° shielded
- Space and weight saving



Harnessed to your specifications



100% tested: test cells



100% tested: digital continuity test