ReadyChains® & ReadyCable®

Ready-to-install energy supply systems.
Cables with connectors.
Minimize process costs.
Everything from a single source.
ReadyChain® | Ready-to-install harnessed e-chainsystems®

Hamessed 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

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, igus® delivers

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”
ReadyChain® | The igus® ReadyChain® factory

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

ReadyChain® | You determine, igus® delivers

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.

Save 80% at prototyping. Assembly transport rack for ready-to-install energy supply systems.
**igus® Connectors**

- Round plug connector kit
- D-sub in the 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
- Catalog standards: Video-/vision-/bus technology
- Catalog standards: Network/Ethernet/FOC/Field bus
- Catalog standards: Initiator cables up to 4 x d

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**ReadyChain® | Configured, mounted, with system guarantee**

1. **System acceptance**
   - We visit you
   - Define interfaces
   - Logistics planning
   - Cycle integration
   - Time schedule

2. **Project phase**
   - Component selection
   - Interface optimizations
   - Documentation
   - Integrated project management
   - Cost optimization

3. **Initial acceptance of prototype**
   - 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

4. **igus® installation**
   - ReadyChain® installation
     - System installation by igus® specialists
     - igus® supervision service for own installation
     - Transparent, fixed price

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More application examples and information online ► www.readychain.com
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

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

e-chains® ... ... chainflex® cables ... ... harnessing

90,000 e-chain® components

3 million meter of cables on stock

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 M | molded – extended offer

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

Harnesses to your specifications

100% tested: test field

100% tested: digital continuity test

QuickPin 2.0
Connector-cable configurator integrated directly in EPLAN P8.
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

Harnesses to your specifications

100% tested: test field

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ReadyCable - harnessed cables in 24-48h

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ReadyCable - harnessed cables in 24-48h

All these manufacturers and more:

- Allen Bradley
- B&R
- Baumüller
- Beckhoff
- Berger Lahr
- Control Techniques
- Danaher Motion
- ELAU / Schneider Electric
- Fagor
- Fanuc
- Festo New
- Heidenhain
- Igus®
- LinMot
- LTI DRIVES
- Mitsubishi Electric
- NUM
- Omron
- Parker
- Rexroth
- SIEMENS
- SpeedTec
- Stöber
- TCI
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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

More application examples and information online ► www.readychain.com

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