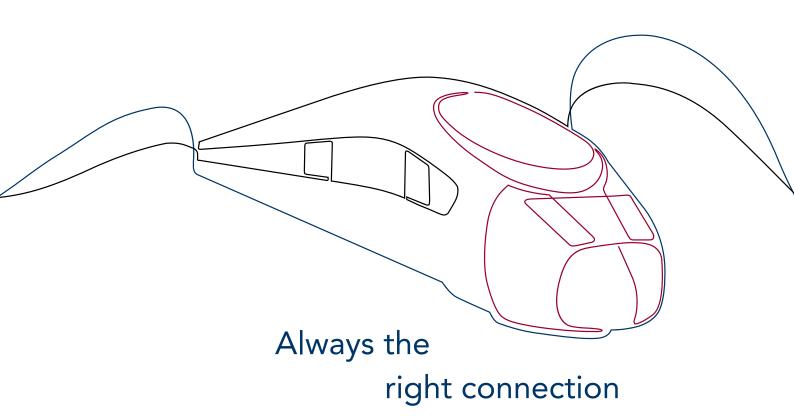


## **CONTROL CABINETS & CABLE ASSEMBLY**





**Quality Standard:** All products are subject to an extensive quality test in the final inspection phase. Of course, we are certified according to current industry-specific standards.



# CONTROL CABINETS & CABLE ASSEMBLY CUSTOMIZED SOLUTIONS



## **PRODUCT INFO**

We offer you all services from a single source, from contacting to the assembly of cable harnesses and control cabinets as well as mechanical solutions.

Co-engineering for system – solutions, new and further development of project studies, prototype construction or series production – we are at your side as a system supplier.

## **APPLICATION AREA**

Our manufacturing competence includes the following industries:

- Railway
- · Automotive
- · Commercial vehicles
- Measuring technology
- · Construction machinery
- Mechanical and plant engineering
- · Agricultural technology
- · Medical technology

## **SERVICE RANGE**

We are specialists from prototype to medium volume segment. These are the products we integrate into your system:

- · Cable kits
- Cable harnesses (various versions)
- · Assemblies (various versions)
- · Control cabinets
- · Grounding cables
- · Driver's desks
- · Energy chains

Subject to technical changes



# CONTROL CABINETS & CABLE ASSEMBLY INFORMATION

## Cable assembly

### **Product info**

Tailor-made solutions for complex tasks, the highest quality standards and satisfied customers – that is our number 1 priority.

- · Standard and special assemblies
- · High availability for fast action
- Wide range of materials, sheathing and connector types available
- · Sample and prototype construction



### **Control cabinets**

## **Product info**

The assembly of control cabinets is carried out individually according to customer requirements. We are happy to support you starting in the design phase of your product. Our services include the following: Planning, identification, procurement, assembly and wiring of the parts and components

- Creation of bill of materials, wiring diagrams and documentation
- Production of cable harnesses and connection lines
- · Electrical test of the wiring
- Functional test of the assemblies and control cabinets
- Selection and assembly of the mechanical components





## MANUFACTURING CAPABILITIES









## **SPECIFICATION**

## **DESCRIPTION**

## **VALUES & DATA**

Sheathing

Corrugated tube Braiding Bandaging Insulating / Protective hose Customized requirements

All standard diameters Up to diameter 30 mm All diameters All Standard diameters

Production methods

Crimping Insulation displacement technology Overmolding by hotmelt Casting with epoxy resin

0.14 mm<sup>2</sup> to 240 mm<sup>2</sup> All standard materials Connectors and components Pouring and sealing of housings

Resistance welding Ultrasonic welding

 $0.5 \text{ mm}^2 \text{ to } 6 \text{ mm}^2$ Up to 14 mm<sup>2</sup>, copper wires

Sheet metal working capabilities

Welding

Certification level CL1 according to DIN EN 15085-2

Punching & bending Milling & turning Coating

Soldering & annealing

All common materials All common materials Powder coating, electroplating Soft & hard soldering

5

Subject to technical changes



## SYSTEM SOLUTIONS FROM A SINGLE SOURCE

## Customer-oriented process organization

A team is at your disposal to develop individual solutions according to your requirements.

SERVICE PROVIDER: IT Human Resources Technical Service Controlling

MANAGEMENT TEAM: Sales Development Procurement Quality Fertigung

#### PRODUCT TEAMS



Quality management

DEVELOPMENT → SALES → PRODUCTION → LOGISTICS → CUSTOMERS

ONE TEAM TO THE CUSTOMER

Quality management

MANAGEMENT:VisionStrategyTargetsKnowhow

## **Customer promise**



#### Internationality

With 7 locations on 4 continents - more security for you!



#### **Relocation expertise**

We manufacture where it is most economical for you.



### **Development expertise**

We develop customized solutions for you.



### High level of vertical integration

For guaranteed flexibility and fast prototype production.



## Many years of experience

We combine about 90 years of experience with the latest technologies!



#### Service

Whether engineering, design-tocost workshops or after-sales service – we support you!



- Punctuality
- · Consistently high quality all over the world
- · Comprehensive service wherever you are in the world
- · Years of expertise for your product
- · International presence
- · On-site engineering service from prototyping to after-sales
- · Original manufacturer
- A team just for you



## A company of



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