

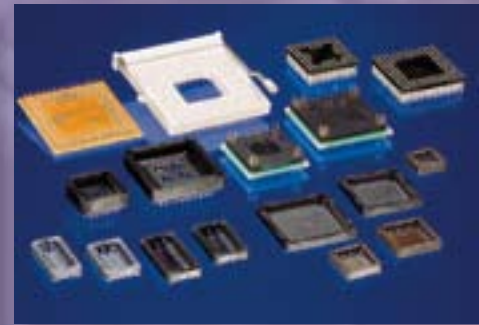
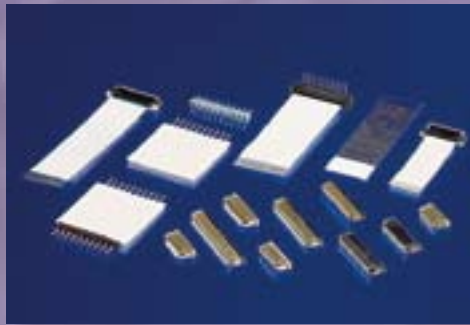
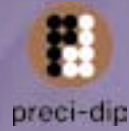


The Company

Established in 1975, CiS Components Instruments Systems GmbH & Co. KG grew out of the consulting engineers' office previously established in Viersen, Germany in 1972. Later, the company developed into CiS ELECTRONIC GmbH. In 1997 CiS SYSTEMS s.r.o. had been founded as a production facility in the Czech Republic. CiS ELECTRONIC specializes in the manufacturing and distribution of electro-mechanical connectors and system technology. In close cooperation with customers' development engineers optimum technical and commercially successful solutions are realized.

Today CiS belongs to the most efficient partners to leading companies operating in the area of transmission and connector technology. CiS has concentrated on the most up-to-date designs with inherently high quality standards. Its production-integrated quality assurance system set up in accordance with ISO 9001:2000 guarantees the highest level of quality. CiS production facilities are registered under UL file number E-190175 and are subject to constant monitoring by Underwriters Laboratories USA (UL). Although all sales activities are focused on the European Market, product, technology and know-how are determined by the global market.

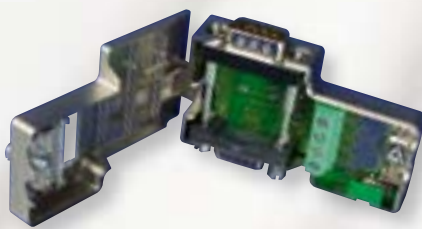




Distribution

A comprehensive, customer-oriented stock system supported by modern EDP logistics ensures immediate, on-schedule availability of products for the trade. Distribution contracts with leading connector manufacturers such as 3M, GSN, PANTA, preci-dip and Ratioplast provide access to world-wide product and technology innovations.

In addition, CiS supplies all connectors currently available on the global market as standard stock items, i. e., Amphenol, Binder, ELCO, ERNI, FCI, Grothe & Hartmann, Harting, HIROSE, JAE, JST, Molex, ODU, Tyco etc. disposing as well of a substantial programme of Asian manufacturers.





Customized Cable



- ✓ **TOP QUALITY CUSTOMER-SPECIFIC CABLE ASSEMBLIES, WHEREVER YOU ARE**
Our integrated quality control production program in both the Czech Republic and China provides a platform for competitively priced products and on-time deliveries, no matter where you are located.
- ✓ **DESIGNER SOLUTIONS**
Experienced design staff work closely with customers to optimize solutions and turn good ideas into real products.
- ✓ **ISO ACCREDITED QUALITY**
All departments of the CiS Group are certified according to ISO 9001/2000. The CiS managing departments are trained as internal auditors to guarantee the continuous improvement of our system.
- ✓ **HIGHLY QUALIFIED PERSONNEL**
Permanent training of all CiS employees guarantees the highest level of qualification.
- ✓ **STATE-OF-THE-ART MANUFACTURING**
Continuous investment in the Machine Park keeps CiS at the forefront of cable assembly technologies.
- ✓ **PRE-DELIVERY TESTING**
All cable assemblies undergo 100% testing and inspection before leaving our facility to guarantee the highest product quality.
- ✓ **WORLDWIDE DELIVERIES**
In co-operation with leading global carriers, CiS has a logistics system that ensures on-time deliveries on a global basis.





Assemblies

Customized assemblies for the following applications:

- Automotive
- Automation
- Data system technology
- High frequency
- Medical science technology
- Mechanical engineering
- Measuring and control engineering
- Military, aeronautics and space
- Security and safety engineering
- Telecommunication
- Telematics

Cable pre-assembly

For almost 30 years CiS has assembled cables tailored to customers' specific needs. An experienced and competent workforce using the latest equipment ensures that we achieve optimum technical and commercial solutions, and can guarantee high quality in small, medium and large scale production runs. Our production facilities in the Czech Republic and Asia ensure that all products and systems are manufactured to the same efficient, high-quality standards.

- Fully automatic equipment to produce flat ribbon cable assemblies
- Fully automatic equipment to produce wiring sets and cable harnesses (cutting, stripping, crimping, tinning and printing)
- Identification systems: ink jet printing, Tampoflex and hot stamping stations
- Crimpers and stripper crimpers for processing cable contacts
- Automatic injection moulding equipment for plug bodies, cable sleeves etc.
- Computerized testing systems (incl. high voltage and high frequency test systems)
- Precision soldering stations
- LManual and automatic PCB component placement and soldering
- Customized wire twisting
- Fully automatic taping machines





Cable assemblies

Round-section cables

Standard and customized cables can be assembled with any of the connectors and contacts currently available on the market.

Flat ribbon cables

CiS can make up any standard or customized cables available on the market with cut-and-clamp connector systems. High-performance automatic machinery is available for volume productions.

Cable harnesses

Customized assembled cable harnesses, tested and pre-finished.

High frequency cable assemblies

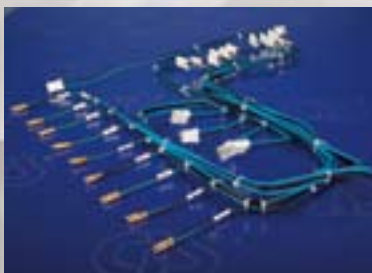
Assembled and tested HF connectors and customized HF cable assemblies.



Outsourcing

Special products and contracts

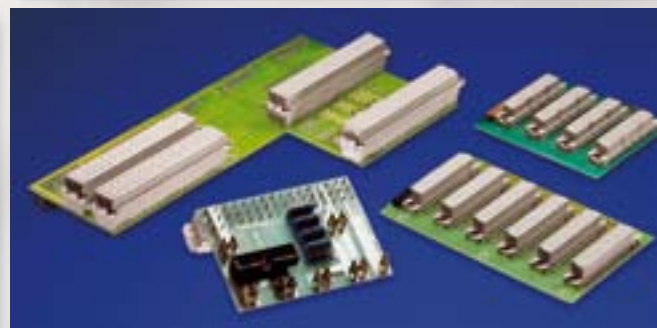
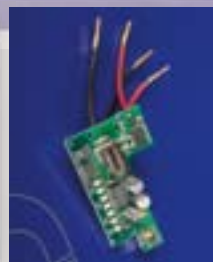
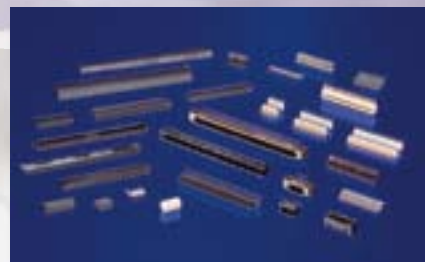
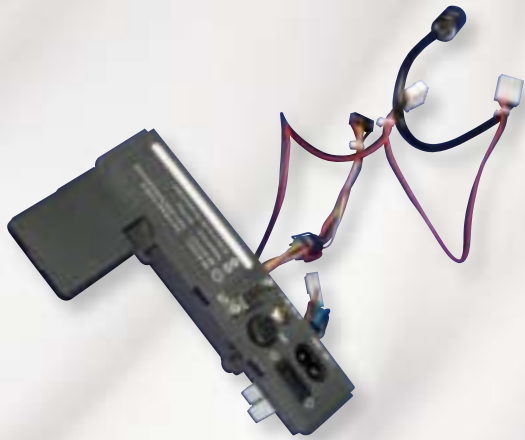
CiS has many years of experience and competence at its disposal, enabling the company to handle entire areas of production, including customer machinery and material stores, and to continue the production process in line with the relevant customer specifications. In addition, our logistics system ensures deliveries according to the "Kanban" philosophy.





System technology

CiS develops, manufactures and tests complete customer-specific systems including casings, printed circuit boards, connector technology, displays, key panels and switches. Our offering includes the following: manual and fully automatic placement and soldering machines for printed circuit boards in conventional solder or SMD technology, automated press-fit devices for complete systems using solderless press-fit technology, and mounting racks including wiring, plastic injection moulding tools for casings, fixtures and customized connectors.



Solderless press-fit technology

CiS develops and manufactures complete printed circuit boards using press-fit technology, which are fully tested according to customer specifications.



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