

PART OF THE TTI FAMILY OF COMPANIES

GET  
CON  
NEC  
TED

**COSY**  
CONNECTOR SYSTEMS

A  COMPANY

[cosy.de](http://cosy.de)

Service 5.0

# Distribution

with in-house production

COSY procures, stocks, distributes, assembles, produces or develops connector and cable assembly solutions rapidly and delivers on schedule as per your requirements. It doesn't make any difference whether it's smallest quantities or high volume series. Your order is in best hands with the COSY service team.

You need a connector? We have the right one for you, guaranteed. Within 24 hours we can assemble your connector to your needs. Basically 3 to approx. 20 parts are needed to manufacture a special circular connector, accordingly the possible combinations are almost limitless. To stock all possible variants would blow up every economic frame. That's why we produce custom-fit circular connectors on demand, from a large number of individual components (insert, barrel, backshell, o-ring, contacts etc). At the same time our team focuses on the latest equipment with an intensely sophisticated workflow – so fast response times are not random for us.

The field of application does not matter, we assemble specifically for your needs from industrial up to military applications. To provide every customer with the customized connector, our employees perform best every day – always after the motto: "we never say never, anything is possible."

We deliver our electronic and electrical connection technology worldwide. Based on our core competence, the assembly of demand-driven ITT circular connectors, we have evolved into the leading connector specialist distributor. We are specialized in ITT Cannon and VEAM circular connectors, in addition we also offer products of many other brand manufacturers.

## Cosy at a glance:

- /// Expert for ITT Cannon and VEAM
- /// Connectors for automation technology (M4 - M12)
- /// Customer specific solutions, applications, cable assemblies
- /// High availability of all products, extensive stock
- /// Quick assembly at our location in Schorndorf
- /// Quality: ISO 9001:2015 certificate and annual ITT Cannon and VEAM audits
- /// Part of the TTI, Inc. since July 2018



## Technical Advice, Assembly, Distribution

all in one hand

COSY offers you the complete service range all around connectors for mobile and industrial applications in machinery, equipment as well as vehicles, no matter if for industry, military, energy, transportation or data systems technology. Our quick service and extensive know-how in the connector sector up to project support with everything that goes with cable assembly make the difference.

### Our Service:

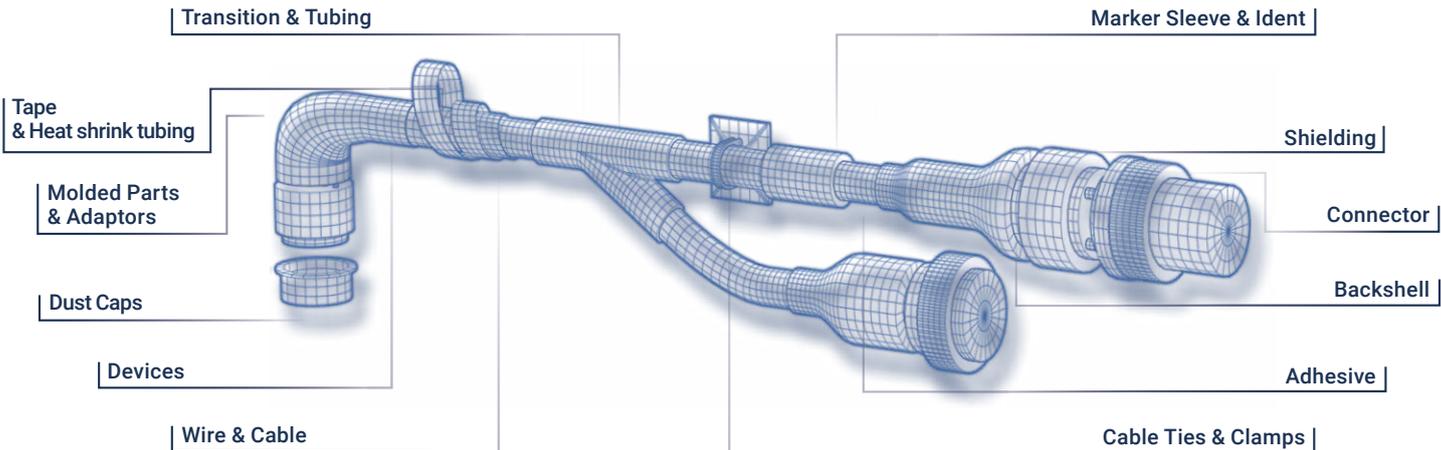
- /// Technical advice from planning to production
- /// Complete technical execution of your order
- /// Kitting and marking per customer request
- /// Smallest quantities up to high volume series with customer-oriented stocking

### Customer specific Cable Assembly:

- /// Complete procurement
- /// Crimping, overmoulding, soldering, wire end sleeves, potting and more
- /// From single wire to complete cable assembly
- /// Solutions with or without Cosy core products



Quality Assembly  
„Made in Germany“



## CIR / FRCIR

ITT Veam



Circular connectors with bayonet coupling for railway, entertainment industry, commercial and military applications.

- High shock and vibration resistance, min. 2.000 mating cycles
- To VG95234 standard, also available in RoHS compliant platings
- For signal and power applications
- Layouts with up to 159 contacts

## CA / CA-B / VG95234

ITT Cannon



Circular connectors with threaded or bayonet coupling for construction equipment, industrial automation, sensors and military applications.

- RoHS compliant platings with up to 500 h salt spray resistance
- Layouts to VG95234, MIL-DTL-5015 etc.
- Crimp, solder pot and PCB contacts
- IP69K bayonet version with universal endbell

## CA-COM

ITT Cannon



Circular connectors with threaded or bayonet coupling, preferred in industrial applications and mechanical engineering.

- Nickel plated surface, RoHS compliant
- Crimp, solder pot and PCB contacts
- Up to IP67, based on MIL-DTL-5015, resp. VG95234

## KPT / KPSE / KPTC / VG95328

ITT Cannon



Miniature circular connectors with bayonet coupling for military applications, instrumentation and sensor technology.

- Solder pot, crimp or PCB contacts
- To MIL-DTL-26482 Series 1
- AWG 20 to AWG 12
- 2 to 61 contacts

## CGL

ITT Cannon



Circular connectors with grounding contact, especially qualified for motors and power units.

- Nickel plated, RoHS compliant
- Threaded or bayonet coupling
- 250 / 400 / 500 / 700 V
- Up to IP67

## CGK / 8ST / SJT / VG96912



Miniature circular connectors with bayonet coupling for test and communication applications as well as the aviation industry.

- Crimp, PCB, power, coax, twinax, triax and quadax contacts
- High contact density, up to 128 contacts
- To VG96912, LN29729 & PAN6433-2
- 100 % scoop proof

## CGE / VG96929

ITT Cannon



Circular connectors with bayonet coupling for high currents for military applications.

- Current rating up to ~ 900 A (max. 48 V)
- Cadmium, olive drab; RoHS compliant platings available
- For cables from 25mm<sup>2</sup> to 240mm<sup>2</sup>
- Crimp contacts

## D38999

Souriau / Amphenol / TE Connectivity



Miniature circular connectors with Triple Thread ratchet coupling for military vehicles, defense electronics, aerospace.

- Crimp, PCB, power, coax, twinax, triax and quadax contacts
- High contact density, up to 128 contacts
- Shells available in aluminium, composite, stainless steel, marine bronze
- To MIL-DTL-38999 Series III

## VBN

ITT Veam



Circular connectors with bayonet coupling for railway technology, industrial applications and transportation.

- Compatible with VG95234 / CIR
- Flame retardant (EN45545)
- Qualified to NF F 61 030
- Modular, field attachable

## APD

ITT Cannon



Circular connectors made of plastic with bayonet coupling for automotive, off-road and heavy vehicles, construction machinery.

- IP67 resp. IP69 with individual wire sealing
- 1 to 51 contacts (stamped and machined)
- Signal and power contacts, crimp version
- To ISO 15170

## Sure Seal

ITT Cannon



Circular connectors made of rubber material for automotive, construction vehicles, truck and bus.

- 2 to 10 contacts (stamped and machined)
- Resistant to engine oil, gasoline, diesel, brake fluids
- Shock and vibration resistant
- IP67

## Trident

ITT Cannon



Rectangular and circular connectors for industrial automation, off-road vehicles, antennas and control panels.

- Crimp, solder pot and PCB contacts, signal and power
- 2 to 48 contacts (stamped and machined)
- Partially nickel plated, RoHS compliant
- Up to IP67, UL 94 V-0

## CPC

TE Connectivity



Circular connectors made of plastic for control cabinets, robotics, machine tools, industrial machinery, agricultural vehicles etc.

- Various series with up to 63 contacts
- Made of heat resistant, self extinguishing thermoplastic material (UL 94 V-0)
- Signal and power layouts
- Crimp contacts

## DT - DTM

TE Connectivity



Rectangular connectors made of plastic for harsh environment and applications in e.g. commercial and off-road vehicles.

- Suitable for contacts size 20 (7,5 A)
- 14 - 22 AWG (2,50 to 0,35 mm<sup>2</sup>)
- Integrated locking latches
- Up to max. 12 contacts

## HDSCS

TE Connectivity



Rectangular connectors made of plastic for harsh environment and applications in e.g. commercial vehicles.

- 4 coding possibilities
- Secondary locking
- 2 to 18 contacts
- 5 shell sizes

## CHC

TE Connectivity



Circular connectors hybrid-style combining high-speed data connectors and power supply into a single connection.

- 8 power / 4 data contacts
- Crimp termination
- DIN EN 61984
- IP65

## ecolmate

Amphenol



Circular connectors made of plastic and metal for various sectors e.g. plant construction and machine building, robotics, process and control technologies.

- Compatible with the C16-1 series
- Up to 48 contacts
- 11 shell sizes
- IP 65/67

## CTC

ITT Cannon



Rectangular connectors made of plastic for harsh environment and applications in e.g. commercial vehicles.

- Cost-effective, with crimp contacts from the Trident Connector Series
- Easy to assemble and maintain
- Contact insertion without tool
- 8, 12 16 and 24 contacts

## HDC

Molex



Rectangular connectors for mechanical engineering, control cabinets, robotics, agriculture and forestry.

- For harsh environment IP66, IP67, IP69
- EN 60529, EN 61984, VDE 0627, IEC/EN 60664-1
- UL/CSA, ANSI, CCC approved
- Stainless steel pegs

## D-SUB

Molex



Connectors for universal applications in various branches like communications, process and control technologies etc.

- Combo-D with coax, high power and high voltage contacts
- Standard density with up to 50 contacts
- High Density with up to 78 contacts
- Solder pot, crimp, straight and 90° PCB contacts

## M8 / M12 Distribution Boxes

Molex



Overmoulded distribution boxes for sensors and actors, space saving solution for automation, robotics and mechanical engineering.

- With single or dual I/O
- 4, 6, 8 or 10 ports
- Box fully potted
- IP67

## mPm Valve Connectors

Molex



Valve connectors with high sealing qualities and high-class retention mechanisms for process and control technologies.

- Conforms to EN 17301-803
- 2 poles / 3 poles + ground
- Forms A, B, C, Industrial
- Up to IP67

## M8 / M12

Molex



Circular connectors for connections in sensors and actors, automation, robotics and mechanical engineering.

- Field attachable solutions also available
- A, B and D coding
- 3, 4, 5, 8 poles
- IP67

## eMobility Connectors

Amphenol / TE Connectivity



Explore our extensive range of high voltage connectors for hybrid and electric vehicles.

- Cross-sections up to 95mm<sup>2</sup>
- Various coding possibilities
- Different locking systems
- Several sizes

## C091 Circular Connectors

Amphenol Industrial



Circular connectors with screw or bayonet coupling for industrial automation, instrumentation, entertainment industry etc.

- IP40 (C091A and B) and IP65/67/69 (C091D)
- Shieldable (C091A and C091D)
- Layouts with up to 14 contacts
- Size M16

## RF Products

Amphenol



Circular connectors for high frequency signals and miscellaneous applications.

- Cable, PCB and board-to-board assembly
- Solder pot, crimp and PCB contacts
- Frequencies up to max. 40 GHz
- Contact plating gold or silver

## PowerLock

ITT Veam



Single pole circular connectors made of plastic for the entertainment industry and mobile power supply.

- Set screw (400A) and crimp contacts (660A)
- Connector bodies are both keyed and colour coded
- Contacts protected against accidental touch
- UL and VDE approved

## M23

TE Connectivity



Circular connectors for drive systems, robotics, mechanical engineering, automation, medical engineering etc.

- Crown clamp for easy shield connection
- Signal, power and hybrid connectors
- Robust and reliable for harsh environment

## Ethernet RJ / USB

Amphenol



Circular connectors made of plastic for various product and market applications.

- Waterproof / dustproof (up to IP68)
- Threaded and bayonet versions
- RJ45 and USB inserts
- Vibration resistant

## Backshells / Accessories



Backshells protect the connections from mechanical wear, environmental impact and electromagnetic interference.

- Band adapters, single cone adapters
- Dust caps and dummy receptacles
- Shielded / unshielded versions
- PG and metric adapters etc.
- Strain reliefs

## Cable Accessories

TE Connectivity



Protection and cable solutions for demanding applications.

- Cable management systems
- Heat shrink boots
- Protective tubes
- Heat shrink tubes

## Cable Glands

Molex



Cable glands made of plastic and metal for enclosures, aluminium boxes and circular connectors for industrial automation, robotics, etc.

- PG and metric threads
- Shielded / unshielded
- Enlargings, reducers
- Up to IP68

## Tools

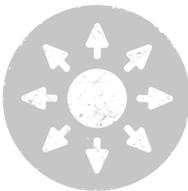
DMC



Assembly tools for crimp contacts and connectors.

- Pneumatic and hydraulic crimp tools
- Insertion / extraction tools
- Hand crimp tools
- Assembly aids

## Service



Everything from one source, contact us - we will be glad to help.

- Customer specific stock
- Documentation
- Printing / Marking
- Kitting

## Customer-specific Solutions



We realise customer-specific connector solutions as per your requirements.

- Individual technical advice
- Marine bronze versions
- Cable assemblies
- Stainless steel options

## Contact Details



Not found what you are looking for? Ask us, we will be pleased to help you!

- [info@cosy.de](mailto:info@cosy.de)
- +49 7181 47514-00
- [www.cosy.de](http://www.cosy.de)



Custom-fit solutions,  
specific combinations:  
Individual, competent advice,  
Custom-made connectors and cable assemblies.

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