Automotive Industry
Solutions for production, factory infrastructure, and E-Mobility
Efficient and variable production

Production resources in the automotive industry are becoming more expensive. At the same time, the number of models and variants to which production facilities must respond quickly and flexibly is increasing. With more intelligent automation technology, Phoenix Contact is offering exciting options for optimizing the use of cost-intensive resources, such as compressed air or electrical energy, without degrading the productivity or availability of the systems. Charging systems as well as charging controllers are available for the infrastructure covering all aspects of electric vehicles.

Innovations – tailor-made for your industry

Automotive manufacturing
- Press line
- Car body construction
- Painting
- Production of drive components
- Assembly, final assembly, testing

Factory infrastructure
- Light control
- Energy efficiency

E-Mobility
- Charging systems
- Charging controller
- Charging infrastructure
Functional safety in production
Integrate functional safety into production with Phoenix Contact: for example, using high-performance PROFIsafe controllers or manufacturer-neutral communication with modular safety I/Os. Our safety experts also provide support in all phases of the safety lifecycle.

Energy-efficient production
Conserve expensive resources without adversely affecting the productivity of the system. Turn-key solutions for energy management allow you, for example, to switch off processes as required, acquire consumption information continually, and avoid peak loads.

Flexible production
Benefit from the advantages of the latest IT technology, including for the flexibility of your production. Design a solution for high-performance data transmission between the individual production cells through to the ERP system in the office using control and networking technology from Phoenix Contact.

Secure production
Protect your central and distributed production systems against unauthorized access and malware. Industrial security routers from Phoenix Contact are the secure communication interface in your system and block unauthorized access attempts by means of VPN technology.

E-Mobility
Discover new possibilities for electrical mobility with Phoenix Contact: with standard-compliant AC and DC charging systems, solutions for vehicle interfaces up to the IT level, and individual solutions from the wall box to the charging station. Phoenix Contact E-Mobility GmbH will be happy to advise you.
Each sector of industry places particular demands on system automation. In our dedicated industry teams, we focus on these challenges with technical know-how and passion, and together with our customers we develop tailor-made turn-key solutions. Excellent products are at the heart of our solutions. Cleverly combined to create innovative systems and supplemented by industry-specific features, they ultimately become industry solutions of proven Phoenix Contact quality.