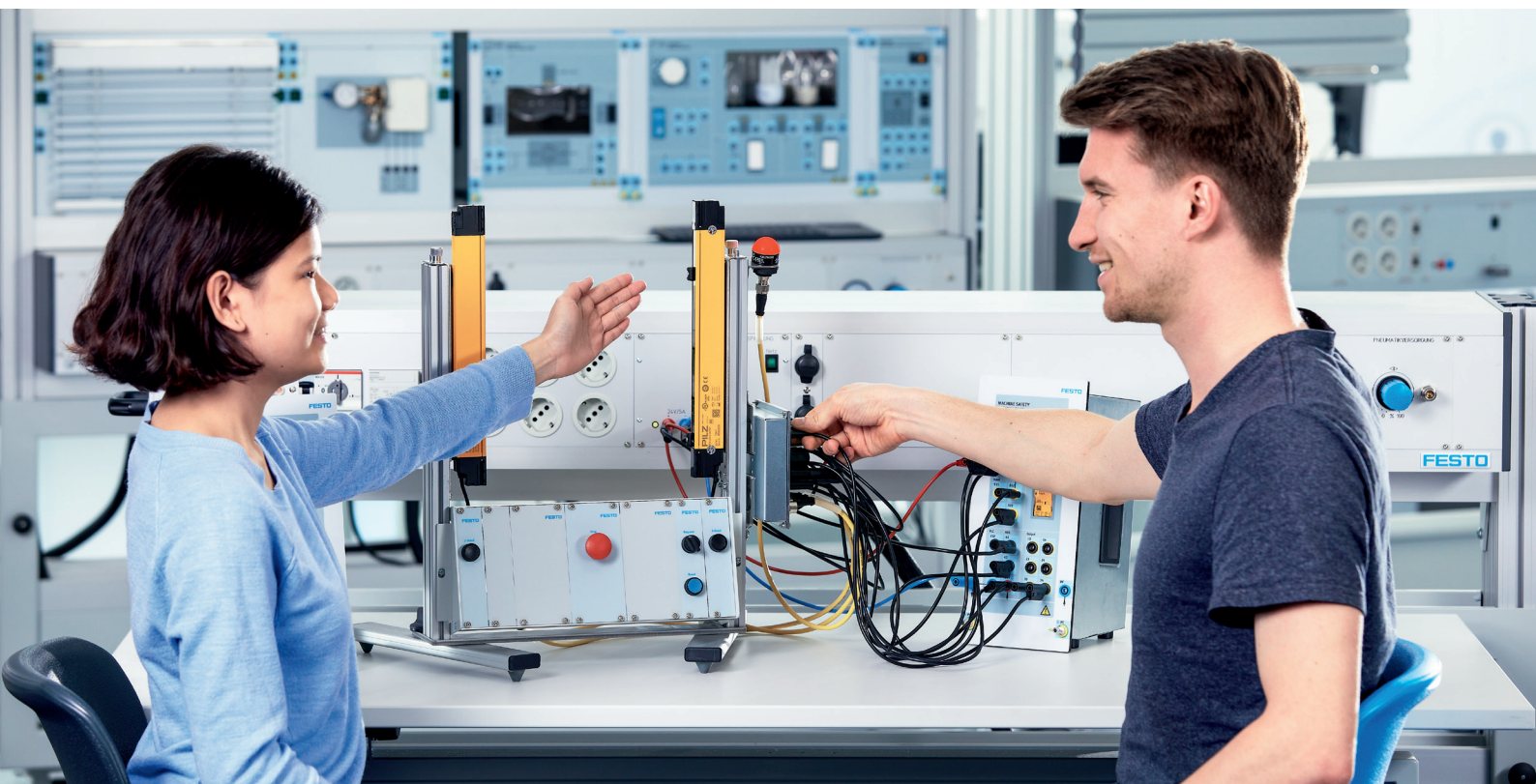


Machine Safety

Choosing safety elements with TP 1321 and applying them in accordance with the CE

FESTO



Highlights

- Compatible with the existing MPS learning system
- Produce risk analyses and identify potential hazards
- Minimize hazards with safety engineering
- Familiarize yourself with the Machinery Directive and comply with standards
- Simple structure makes it an easy entry point
- Comprehensive equipment set including teachware

Safety first

Besides functionality and economy, safety is one of the essential product success factors. New directives and laws call for intelligent solutions and increasing qualifications. TP 1321 maps the safety devices of state-of-the-art industrial machines and teaches them with practical examples. Use the modular system in class, either as a stand-alone unit, combined with the FluidSIM® software, or as a combination with a mechatronic learning system.

Safety in training

All electrical engineering professions come into contact with the topic of machine safety sooner or later. They include mechatronic engineers, electronic engineers, electrical engineers (additional qualification), and electrical engineering degree programs.

Holistic learning system

The teachware available is optimally coordinated for the versatile TP 1321 equipment set. Apprentices and students can also solve the electrical engineering and pneumatic exercises simply and in real time with the FluidSIM® simulation software.

TP 1321 Machine Safety

Making complex subjects easy to understand

Learn on your own system or a product



Modular system

The TP 1321 equipment set already contains various door types. They include a base frame with a front plate and a control element, a sliding door and a hinge door. The two safety relays are installed in A4 plates, which means they can be combined with your furniture system.

Safety elements

The TP 1321 adds variety to your class with a range of safety relays and door and hinge switches. Alternatively, you can use the Mini-Easyport with an additional cable set to connect to FluidSIM®. In no time, trainees and students can learn a range of different safety engineering systems.

Light curtain

You can use the optional light curtain in class with the modular system. It illustrates the functions of a safety-compliant light barrier.

Compatible with your proprietary learning system



MPS - Modular Production System

The TP 1321 also makes an ideal combination with the MPS system. The results of a risk analysis can also be implemented directly on the practical example. The TP 1321 teachware provides the basic knowledge required for this. Compatibility with cyber-physical systems available on request.

Other systems

Of course, you can use the equipment set with your own system, creating your personal learning scenario. The correlation between safety engineering regulations and machines is universal.

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