

# Safety – Seminars

## The road to a safe machine.

A guide for manufacturers and operators.

### Module 6: Programming safety controllers with PNOZmulti Configurator

#### Module description:

Are you planning a new machine or do you want to design and integrate a safety controller from PILZ as part of a retrofit?

In this training, you will learn what is important here. We'll introduce you to various controllers and discuss the benefits and drawbacks compared to combined solutions of process and safety programs. After learning about how the PNOZmulti Configurator is structured, and how it works, you'll learn how to create and develop safety programs in various exercises.

In this module, we'll also address common errors that can occur from experience when working with safety controllers. Finally, you'll learn what is important for safety testing as a safety control integrator or tester.

#### Contents:

- Overview / Summary of the fundamentals of 2006/42/EC Machinery Directive
- Introduction to PILZ safety control system
- Introduction to the PNOZmulti configurator
- Sample tasks
- Troubleshooting
- Transferring the safety program
- Checking the safety program

#### Duration:

- Approx. 6 - 8 hours

#### Required:

- Basic awareness of Machinery Directive 2006/42/EC (see Safety Module 1)
- Notebook with the latest version of the PNOZmulti Configurator.

#### Trainers:

- Thomas Krusen, Dominik Holtkötter, Dustin Hollenberg

**Training location:**

- At our Duisburg location
- At your location  
plus travel expenses
- Online

**Certificate of participation:**

- Digital for online training courses, paper for face-to-face training courses

**Training materials:**

- Digital

**Number of participants:**

- Min. 4 participants, max. 10
- If there are more than 10 participants, we can divide the course into several groups and hold it on consecutive days.

**Price:**

- 470 € per participant (plus travel expenses)