

## ▶ PSSuniversal PLC – Service



### Objective

The focus of this course is primarily on tasks to be performed by maintenance staff or operating staff who also do the servicing. The emphasis here is on diagnostics and troubleshooting. We show with PSSuniversal PLC how system faults can be rectified. With the help of an exercise system, application-specific errors are simulated and their solutions found. Further points of emphasis are in the hardware structure and replacement of PSSuniversal modules, localisation, recognition and rectification of hardware and wiring faults.

### Contents

- ▶ Brief introduction to state-of-the-art safety technology
- ▶ Physical design
- ▶ System architecture and networking
- ▶ Familiarisation with Pilz Automation Suite (PAS4000)
- ▶ Diagnostics options
- ▶ Troubleshooting
- ▶ Practical exercises
- ▶ Data backup
- ▶ Process diagnostics (PVIS)
- ▶ Firmware update

### Target Groups

- ▶ Programmers
- ▶ Commissioning engineers
- ▶ Maintenance engineers

### Prerequisites

- ▶ Basic knowledge of electrical engineering
- ▶ Basic PC aptitude

### Note

- ▶ The course content considers PSSuniversal PLC as part of the PSS 4000 automation system and is related to the following hardware: PSSu H PLC1 FS (xxx) e.g. PSSu H PLC1 FS SN SD
- ▶ All participants receive a certificate

	In-house training	Pilz training centres	Dates and place
<b>Order number</b>	1T000067		Training courses are run on demand and can be run in your local Pilz office or at your premises.
<b>Duration</b>	1 day	1 day	
<b>No. of participants</b>	Up to 6	Up to 6	
<b>Price</b>	\$2000 + expenses	\$2000	



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