

## Certified PROFINET Network Installer (IK-PNOCPI)

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### Objectives

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With PROFINET, the PROFIBUS user organization (PNO) has defined an open and cross-manufacturer Industrial Ethernet standard for the field level. To remain competitive, companies need competent personnel who have mastered the new PROFINET IO fieldbus technology. This course provides you, as an installer, with the opportunity to get qualified on the PROFINET installation and communication technology and to obtain a corresponding certificate.

The course includes a final PNO-certified test, which consists of theoretical and practical tasks. Upon successfully passing the test, you will receive a certificate showing that you are a "Certified PROFINET Network Installer".

### Target Group

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Programmers  
Commissioning engineers  
Engineering personnel  
Maintenance personnel  
Service personnel

### Content

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Fundamentals of Ethernet technology  
Installation guidelines for PROFINET systems  
Fundamentals of grounding  
Testing and building of PROFINET conform Ethernet cables  
Connection system, network components, transmission media  
Setup and function test of the PROFINET IO network with hardware and software tools  
Tests for Certified PROFINET Network Installer

### Prerequisites

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Basic knowledge of Ethernet is desirable

### Note

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According to specifications of the PNO, the qualification measure "Certified PROFINET Network Installer" is aimed at employees who plan, optimize, commission and install PROFINET IO networks, and check the Ethernet network in order to detect and clear faults.

### Type

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Face-to-face training

### Duration

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2 days

### Language

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en