

## Certified PROFINET Network Installer (Face-to-face Training) (IC-PNOCPNI)

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### Objectives

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This training was conducted until April 29, 2026 under the course number IK-PNOCPNI.

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.

Included in the course price: Free access to the digital learning platform [SITRAIN access](#) – starting one week before the start of the course until two weeks after the end of the course.

With the Learning Membership, you can deepen or repeat the content of this Learning Event as well as continue your education on other interesting topics.

### Type

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Face-to-face training

### Duration

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2 days

### Language

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