

SINUMERIK PROFINET Service (NC-PN-SERV)

Kurzbeschreibung

In this course you will learn about the structure, function and diagnostics of communication networks with PROFINET and Ethernet.

Ziele

Your tasks will include the service and maintenance of SINUMERIK control systems for machine tools. In this course, you will learn about the structure and function of communication networks with PROFINET and Ethernet. You will learn how to deal with faults and errors in the SINUMERIK NCU environment. After the course, you will be able to carry out diagnostics, rectify faults and provide the necessary diagnostic data for experts in the event of complex faults.

Zielgruppe

Service personnel
Maintenance personnel

Inhalte

Industrial Ethernet and PROFINET basics
Functionality of switching and routing
Commissioning SCALANCE devices as network components
Procedure for troubleshooting and diagnostics
Eliminating and avoiding the most common causes of faults
Practical exercises for fault diagnosis in the form of role plays on real devices

Teilnahmevoraussetzung

Good knowledge of the SINUMERIK ONE control system in accordance with the NC-ONE-COM or NC-ONE-SERV (formerly NC-ONE-SIP or NC-ONE-SK) courses.
Or:
Good knowledge of the SINUMERIK 840D sl control system corresponding to the NC-84SL-SIP or NC-84SL-SK courses).

Hinweise

This course is suitable for users of the SINUMERIK ONE and SINUMERIK 840D sl controllers. The communication structure via PROFINET is the same in both cases.

Typ

Präsenztraining

Dauer

3 Tage

Sprache

en