
Omnivise T3000 System Basics (Blended Learning) (K-T3BASNEO)

Short Description

This seminar provides an overview of the essential concepts and performance data of the Omnivise T3000 system. The focus is on basic measurements with binary and analog signal transmitters as well as drive controls with actuators. Training will be reinforced with practical exercises. Participants will implement an automation model in the Omnivise T3000 Workbench with basic measurements for binary and analog signals and drive controls. Participants will put it into operation, eliminate malfunctions and work with functional diagrams, plant displays, trends and alarms for analysis.

Content

WBT (Web based training):

- Introduction to the control system Omnivise T3000
- Hardware and software architecture, servers, bus systems, periphery, redundancy, runtime container

Practice (Classroom):

- Signal identifiers and inheritance
- Operation: Plant displays, navigation, operation in faceplate, trends, XY diagrams and alarms, user-specific plant display
- Engineering: Function diagrams, plant displays, automation functions and proxies
- Commissioning: Point view
- Diagnostics: dynamized function diagrams, signal tracing, signal forcing
- Analog and binary measurement, 2oo3
- Drives: motor, actuator, servo
- Online help, project documentation
- Practical exercises with a process simulation:
 - Binary and analog signal acquisition
 - Output of signals
 - Drives: motor, actuator, servo
 - Trends
 - Alarms

Prerequisites

Basic knowledge of I&C technology and PC operations using MS Windows

Note

Number of participants: max. 10

Language: English

Duration of course: 5 h WBT, 4 days practice

Location: Power Academy Karlsruhe/Erlangen, Power Academy international Training Centers

Virtual Classroom

Onsite on request

Dates: upon consultation

Type

Face-to-face training

Duration

4 days

Language

en