



DATA SHEET

An internationally accredited course covering PROFIBUS network installation and technology.

Who should attend the course?

This course is not just for installers, it provides the basic but essential information for anyone who is working with PROFIBUS at a technical level; designers, commissioning engineers, maintenance technicians, and of course installers.

The course provides an essential pre-requisite to more advanced training like the PROFIBUS Troubleshooting and Maintenance Course, the Certified PROFIBUS System Designer Course or the Certified PROFIBUS Engineer Course. Although centred on the most widely used fieldbus technology, PROFIBUS, most of the course content is equally applicable to other fieldbus technologies.

This one-day hands-on course covers the theory of PROFIBUS DP and PA network operation.

Certified by



Course details

Training method:

Presentation and hands-on workshops

Duration:

1 day, including practical and theory exams

Location:

On site or at one of our training centres near you. See website for more details

Prerequisites:

None

What will I learn on the course?

- Basic PROFIBUS DP and PA network technology, station types, and addressing, network configuration and start-up
- Interference pickup (EMC), cable routing and earthing considerations, earth potential problems and their avoidance
- Causes, effects, and avoidance of transmission-line reflections and the importance of correct line-termination
- Network and segment size and layout limitations and the effect of transmission rate
- Common wiring and layout pitfalls, modern cable and connector systems
- Considerations for network maintenance and commissioning
- Correct use of repeaters, couplers, link modules, and fibre-optic segments
- Wiring and installation testing, and the use of PROFIBUS test tools