



## Seminar series Service and Maintenance at the QIROX Robot

Service and maintenance at the QIROX robot for electricians

QR-TR-SEL

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# Seminar series

## Service and maintenance at the QIROX robot

### Service and maintenance at the QIROX robot for electricians

This seminar is for maintenance personnel, electricians and service technicians. Learn everything about maintenance, fault finding and repair work of the robot system. Learn how to find and eliminate error causes quickly.

#### Content

- Learn everything about the structure and components of robots (controller, drives, mechanics).
- Get familiar with different operating modes (Off, manual, reduced/high speed, Auto).
- Create test programs.
- Get familiar with operating and programming elements and their interfaces.
- Explain block diagrams
- Exchange component groups (e.g. plug-in cards, power supplies).
- Adjust functional groups (e.g. servo controllers).
- Find and repair the error causes.
- Take preventive maintenance measures at the robot (lubrication and greasing).

#### Target group

- Users who are in charge of maintenance, fault finding and repair work on the robot system
- Maintenance personnel, electrical and service engineers

#### Conditions

- Vocational education in the electrical engineering\*  
\* The participant confirms that he/she is an qualified electrician).

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#### Seminar period

3 days

#### Seminar times

Monday: 09:00 - 16:30

Tuesday to Thursday:

08:00 - 16:30

Friday: 08:00 – 12:00 a.m.

#### Participants

Small groups up to a maximum of 4 persons