

**Trainings**  
**MPK 411 and MPK 400**  
Times, Contents and Structure

Kollmorgen Steuerungstechnik GmbH  
Alexander Marinov  
Broichstraße 32  
51109 Köln  
Phone +49 (0) 221 89 85 26  
[www.kollmorgen.de](http://www.kollmorgen.de)  
e-mail: [amarinov@kollmorgen.de](mailto:amarinov@kollmorgen.de)

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Please visit our website for the latest training dates:  
<http://www.kollmorgen.de/service/schulungen.html>

Start	9:00 am
Lunch	12:00 – 12:30 (approx.)
Finish	3:00 – 4:00 pm (approx.)

We are also able to carry out in-company training. Please contact us about this.

## 1 MPK 411 Training 1 Day

- Description of the system components
- Decentralised control design
- Menu structure
- Menu interface
- Selected functions (e.g. event log, test adapter, call placement, ...)
- LED indicator function on the front plate
- Fundamentals of inputs/outputs
- Fundamentals of expansion modules
- Fundamentals of free programmable terminals
- Introduction to access management
- Exercises for the essential functions
- Description of absolute positioning systems (APS)
- Commissioning information
- CANopen Topology
- Discussion

## 2 MPK 400 Training

### 2.1 MPK 400 Basic Training 1 Day

- Description of the system components
- Decentralised control design
- Menu structure
- Menu interface
- Selected functions (e.g. event log, test adapter, call placement, ...)
- LED indicator function on the front plate
- Fundamentals of inputs/outputs
- Fundamentals of expansion modules
- Fundamentals of free programmable terminals
- Introduction to access management
- Exercises for the essential functions

## 2.2 MPK 400 Advanced Training 2 Days

- Brief introduction to menu structure and interface
- Function descriptions:
  - Doors
  - Indicators
  - Control functions
  - Shaft encoding
  - Drive types
  - Access management
- Exercises for the essential functions
- Circuitry and troubleshooting
- Description of digital shaft encoding (DSK)
- Description of absolute positioning system (APS)
- Commissioning information
- Discussion

## 3 Prices for Training at Kollmorgen

1-day Training: 210 € per person (excluding VAT). Lunch, drinks and course documentation will be provided.

2-day Training: 465 € per person (excluding VAT). Lunch, drinks and course documentation will be provided.

The maximum number of course delegates is 16. In the event of less than 6 registrations, we reserve the right to cancel or rearrange the training course up to 10 days prior to the scheduled date.

The invoice will be issued after the training course.

## 4 Prices for In-Company Training

We charge a day rate of 975 €, travel expenses at 0.55 € per kilometer and 90 € per overnight stay.

## 5 Registration and Inquiries

Our course leader Mr. Alexander Marinov can be contacted on +49 (0) 221 / 89 85 26.

Please send your registration by e-mail to Mr. Marinov: [amarinov@kollmorgen.de](mailto:amarinov@kollmorgen.de). Your registration is binding once we confirm acceptance by e-mail or fax.