21.12.2026 - 21.12.2026

# FX5-40SSC-S Simple Motion

Address / Contact: Travellers Lane, Hatfield, Hertfordshire, AL10 8XB

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| Description | This course provides an introduction to the fundamental concepts of Servo systems. Participants will engage in hands-on experience with an FX5-40SSC-S Simple Motion Module, allowing them to acquire essential setup and diagnostic skills. A sound knowledge of iQ-F (FX5) PLC programming practices is essential prior to attending this course. The course utilizes specialized hardware comprising FX5 PLC, Simple Motion Module and MR-J4 Servo amplifiers. |
| Course target | By the end of this 1 day course delegates should be able to demonstrate an understanding of servo systems, servo sizing, connecting power and control connections, defining Point to Point movements singly and Position table, Jogging control and mechanical referencing. |
| Target group | This professional development experience has been designed for those individuals who have an Advanced level of knowledge and experience of PLCs and programming and who want to supplement that with a study of Servo systems. |
| Agenda | Over a 1 day period delegates will cover the following modules and topics:<br><br>• Introduction to Servo drives<br>• Servo sizing<br>• Mechanical considerations<br>• Power and control connections<br>• Defining movements<br>• Axis parameter settings<br>• Simple Motion Module Buffer Memories<br>• Program code creation with Function Blocks<br>• Axis parameter settings in the Motion Module<br>• JOG Operation<br>• Referencing Procedure<br>• Using the Position Table |
| Duration | 1 Day |
| Products and software | Servo/Motion |
| Article number | 744154 |
| Participant fee | 600.00 GBP |