

## Commissioning service GFCH

**FESTO**



Type code

001	Series	
<b>GFCH</b>	Commissioning	

002	Spatial dimensions	
	Standard	
<b>1</b>	Single-axis system	
<b>2</b>	2-axis system	
<b>3</b>	3-axis system	

003	Function module	
	Standard	
<b>G</b>	Safety module	

004	Type of commissioning	
	Standard	
<b>A2</b>	PLC integration	

005	Type of service	
	On-site service	
<b>R</b>	Remote service	

## Datasheet

### Commissioning service GFCH for motor controllers

#### On-site commissioning – Axis systems



Does this situation sound familiar?

- You've assembled the system quickly enough, but now you're having problems commissioning it. With Festo as your partner, you're in good hands. You can have your electric axis system configured and parameterised quickly and efficiently on-site by a qualified Festo service technician.

The benefits to you:

- You save time and get the optimum settings with professional commissioning
- Gain direct access to all data after a data backup
- Practical instruction for employees so that future projects can be implemented professionally and efficiently in-house

#### General technical data – Axis systems without safety module

Series	Commissioning [GFCH]		
Spatial dimensions	Single-axis system	2-axis system	3-axis system
Function module	Standard [L]		
Scope of action	Activation of the axes in test mode Data backup and documentation Instruction of machine operators, e.g. in error diagnostics and eliminating errors or in changing the position values Configuration and parameterisation of the axes Optimisation of control parameters and homing Checking of wiring, connections, travel paths and energy chains		
Customer requirements	Use of Festo components Access to the machine or system Mechanical, pneumatic and electrical work is completed Qualified personnel responsible for the machine must be present on the agreed date		
Work involved on site	3 working hours	5 working hours	7 working hours
Provision of services	8-10 days subject to agreement		

#### General technical data – Axis systems with safety module

Series	Commissioning [GFCH]		
Spatial dimensions	Single-axis system	2-axis system	3-axis system
Function module	Safety module [G]		
Scope of action	Activation of the axes in test mode Data backup and documentation Instruction of machine operators, e.g. in error diagnostics and eliminating errors or in changing the position values Configuration and parameterisation of the axes Optimisation of control parameters and homing Checking of wiring, connections, travel paths and energy chains		
Customer requirements	Use of Festo components CMMP-OS-...-M3 + CAMC-G-S3 Access to the machine or system Wiring of the CAMC completed and checked according to DIN EN 60204 1x "Safety requirements" appendix filled out in full per controller Mechanical, pneumatic and electrical work is completed Qualified personnel responsible for the machine must be present on the agreed date		
Work involved on site	4 working hours	6.5 working hours	9 working hours
Provision of services	8-10 days subject to agreement		

## Datasheet

### Remote commissioning – Axis systems



Does this situation sound familiar?

- You're having problems commissioning the system and on-site support is not possible? With Festo as your partner you're in good hands. Using communication software, the Festo service technician will access the system to provide fast and reliable support with commissioning the axis system, without being on site

The benefits to you:

- You save time and get the optimum settings with professional commissioning
- Maximum efficiency: Our specialist is available for you wherever you are, without any travelling costs
- Interruptions to remote commissioning are no problem! Our specialist will reserve the whole day for commissioning your system

### General technical data – Axis systems without safety module

Series	Commissioning [GFCH]		
Spatial dimensions	Single-axis system	2-axis system	3-axis system
Function module	Standard [ ]		
Scope of action	Data backup and documentation Introduction to the Festo Automation Suite software Configuration and parameterisation Remote support during commissioning of 1-axis systems System test Checking the electrical connections and the travel path	Data backup and documentation Introduction to the Festo Automation Suite software Configuration and parameterisation Remote support during commissioning of 2-axis systems System test Checking the electrical connections and the travel path	Data backup and documentation Introduction to the Festo Automation Suite software Configuration and parameterisation Remote support during commissioning of 3-axis systems System test Checking the electrical connections and the travel path
Customer requirements	Qualified personnel responsible for the machine must be present on the agreed date YJKP kit must be assembled mechanically 24 V logic and 230/400 V load voltage must be made provided Switch and Ethernet cable must be available Local installation of FFT software (see Support Portal) Local administrator rights Local installation of TeamViewer or Bomgar communication software Stable Internet connection		
Work involved on site	2 working hours	3.5 working hours	5 working hours
Provision of services	8-10 days subject to agreement		

## Datasheet

General technical data – Axis systems with safety module			
Series	Commissioning [GFCH]		
Spatial dimensions	Single-axis system	2-axis system	3-axis system
Function module	Safety module [G]		
Scope of action	Data backup and documentation Introduction to the Festo Automation Suite software Configuration and parameterisation Remote support during commissioning of 1-axis systems with a safety module System test Checking the electrical connections and the travel path	Data backup and documentation Introduction to the Festo Automation Suite software Configuration and parameterisation Remote support during commissioning of 2-axis systems with a safety module System test Checking the electrical connections and the travel path	Data backup and documentation Introduction to the Festo Automation Suite software Configuration and parameterisation Remote support during commissioning of 3-axis systems with a safety module System test Checking the electrical connections and the travel path
Customer requirements	Qualified personnel responsible for the machine must be present on the agreed date YJKP kit must be assembled mechanically 24 V logic and 230/400 V load voltage must be made provided Switch and Ethernet cable must be available Local installation of FFT software (see Support Portal) Local administrator rights Local installation of TeamViewer or Bomgar communication software Stable Internet connection		
Work involved on site	3 working hours	5 working hours	7 working hours
Provision of services	8-10 days subject to agreement		

### Commissioning service GFCH for integrating the motor controllers into higher-order controllers

#### On-site commissioning – integration with a higher-order controller



Does this situation sound familiar?

- You've assembled the system quickly enough, but now you're having problems commissioning it. With Festo as your partner, you're in good hands. You can have your electric axis system configured and parameterised quickly and efficiently on-site by a qualified Festo service technician.

The benefits to you:

- You save time and get the optimum settings with professional commissioning
- Gain direct access to all data after a data backup
- Practical instruction for employees so that future projects can be implemented professionally and efficiently in-house

General technical data	
Series	Commissioning [GFCH]
Spatial dimensions	Standard
Scope of action	Introduction to the design of the function modules and their functionality Function test of the relevant function blocks for controlling the axis system using a sample project Test comm. axis system/master PLC On-site support for integrating the necessary function blocks for controlling axis systems (up to 3 axes) into the master PLC (Festo, Siemens, AllenBradley, Beckhoff, Omron) based on an empty project
Customer requirements	Use of Festo components Access to the machine or system Mechanical, pneumatic and electrical work is completed Qualified personnel responsible for the machine must be present on the agreed date
Work involved on site	4 working hours
Provision of services	8-10 days subject to agreement

## Datasheet

### Remote commissioning – integration with a higher-order controller



Does this situation sound familiar?

- You're having problems commissioning the system and on-site support is not possible? With Festo as your partner you're in good hands. Using communication software, the Festo service technician will access the system to provide fast and reliable support with commissioning the axis system, without being on site

The benefits to you:

- You save time and get the optimum settings with professional commissioning
- Maximum efficiency: Our specialist is available for you wherever you are, without any travelling costs
- Interruptions to remote commissioning are no problem! Our specialist will reserve the whole day for commissioning your system

### General technical data

Series	Commissioning [GFCH]
Spatial dimensions	Standard
Scope of action	Introduction to the design of the function modules and their functionality Function test of the relevant function blocks for controlling the axis system using a sample project Remote support for integrating the necessary function blocks for controlling axis systems (up to 3 axes) into the master PLC (Festo, Siemens, AllenBradley, Beckhoff, Omron) based on an empty project Test comm. axis system/master PLC
Customer requirements	24 V logic and 230/400 V load voltage must be made provided Switch and Ethernet cable must be available Local installation of FFT software (see Support Portal) Local administrator rights Local installation of TeamViewer or Bomgar communication software Stable Internet connection
Work involved on site	3 working hours
Provision of services	8-10 days subject to agreement

## Ordering data

Ordering data – On-site commissioning – axis systems without safety module			
Spatial dimensions	Function module	Part no.	Type
Single-axis system	Standard	8044339	GFCH-1
2-axis system		8044340	GFCH-2
3-axis system		8044341	GFCH-3

Ordering data – On-site commissioning – axis systems with safety module			
Spatial dimensions	Function module	Part no.	Type
Single-axis system	Safety module	8044342	GFCH-1-G
2-axis system		8044343	GFCH-2-G
3-axis system		8044344	GFCH-3-G

Ordering data – Remote commissioning – axis systems without safety module			
Spatial dimensions	Function module	Part no.	Type
Single-axis system	Standard	8136842	GFCH-1-R
2-axis system		8136843	GFCH-2-R
3-axis system		8136844	GFCH-3-R

Ordering data – Remote commissioning – axis systems with safety module			
Spatial dimensions	Function module	Part no.	Type
Single-axis system	Safety module	8136845	GFCH-1-G-R
2-axis system		8136846	GFCH-2-G-R
3-axis system		8136847	GFCH-3-G-R

Ordering data – On-site commissioning – integration of the motor controllers into the higher-order controller			
Type of commissioning		Part no.	Type
PLC integration		8141549	GFCH-A2

Ordering data – Remote commissioning – Integrating the motor controllers into the higher-order controller			
Type of commissioning		Part no.	Type
PLC integration		8141577	GFCH-A2-R