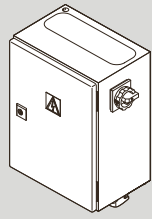


CMCB-D1-CC-S0

Control System



FESTO

Festo SE & Co. KG
Ruiter Straße 82
73734 Esslingen
Germany
+49 711 347-0

www.festo.com

Operating instructions

8130764
2020-07
[8130766]



8130764

Translation of the original instructions

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1 Applicable documents

All available documents for the product → www.festo.com/sp.

Document	Contents
Instruction manual YHBP-PLb-S	Instruction manual assembly, installation
Circuit diagram ¹⁾²⁾	product-specific circuit diagram
Datasheet ²⁾	product-specific technical data
Documentation for installed individual components ¹⁾	appropriate individual contents

1) included in scope of delivery

2) available as download

Tab. 1 Documentation on the product

2 Safety

2.1 General safety instructions

- Only use the product in original status without unauthorised modifications.
- Only use the product if it is in perfect technical condition.
- Observe labelling on the product.
- Take into consideration the ambient conditions at the location of use.
- This product can generate high frequency malfunctions, which may make it necessary to implement interference suppression measures in residential areas.
- Prior to mounting, installation and maintenance work: Switch off power supply and secure it from being switched back on.
- Comply with the handling specifications for electrostatically sensitive devices.

2.2 Intended use

The control system is part of the balancer kit YHBP. It is used exclusively for controlling and monitoring the pneumatic balancer.

2.3 Training of qualified personnel

Installation, commissioning, maintenance and disassembly should only be conducted by qualified personnel. The specialized personnel must be familiar with the installation and operation of electrical and pneumatic control systems.

3 Further information

- Accessories → www.festo.com/catalogue.
- Spare parts → www.festo.com/spareparts.

4 Service

Contact your regional Festo contact person if you have technical questions → www.festo.com.

5 Product overview

Function, structure, control elements and connections can be found in the enclosed circuit diagram → 1 Applicable documents.

6 Assembly

6.1 Mounting with screws



Additional measures may be required to comply with the IP degree of protection.

1. Remove plastic plugs from the drill holes.
2. Select screws according to the mounting situation.

6.2 Mounting with wall mounting brackets



The use of the wall mounting brackets has no influence on the IP degree of protection if properly mounted.

1. Remove plastic plugs from the drill holes.
2. Install the wall mounting bracket in accordance with the assembly instructions → 1 Applicable documents.
3. Select screws according to the mounting situation.

7 Installation

- Observe the notes and data from the circuit diagram → 1 Applicable documents.

Connection of electrical lines

All necessary connecting cables from the control system to the supplied components of the balancer kit YHBP are already pre-assembled at the factory.

1. Connect all lines as per circuit diagram → 1 Applicable documents.
2. When feeding in the supply voltage, pay attention to the on-site back-up fuse.

NOTICE!

Unauthorised Access to the Device Can Cause Damage or Malfunction.

- When connecting the device to a network, protect the network from unauthorised access.
Standards for security in information technology can be used for network protection measures, e.g. IEC 62443, ISO/IEC 27001.

Connection of digital inputs and outputs

Up to 8 inputs and 8 outputs can be connected using pre-assembled cables → 1 Applicable documents.

8 Commissioning

NOTICE!

Material damage due to incorrect or incomplete installation.

The following conditions must be fulfilled for commissioning:

- The system must be fully assembled.
- The electrical installation must be complete and checked.
- The pneumatic installation must be complete and checked.

9 Maintenance

A daily functional test is recommended for preventive maintenance.

- Carry out maintenance work on the installed individual components in accordance with the relevant documentation → 1 Applicable documents.

10 Repair

In the event of repair, contact the Festo repair service → www.festo.com.

11 Modification

Conversions of the control system are not permitted.

12 Disposal

ENVIRONMENT!

Send the packaging and product for environmentally sound recycling in accordance with the current regulations → www.festo.com/sp.

13 Technical data



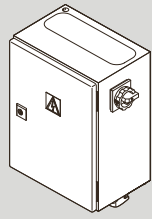
Failure to observe the technical data can cause damage to the product.

The technical data are included in various documents:

- General technical data → www.festo.com/catalogue.
- Special technical data in the circuit diagram → 1 Applicable documents.

CMCB-D1-CC-S1

Control System



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Operating instructions

8130773
2020-07
[8130775]



Translation of the original instructions

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1 Applicable documents

All available documents for the product → www.festo.com/sp.

Document	Contents
Instruction manual YHBP-PLd-S	Instruction manual assembly, installation, safety relay unit
Circuit diagram ¹⁾²⁾	product-specific circuit diagram
Datasheet ²⁾	product-specific technical data
Documentation for installed individual components ¹⁾	appropriate individual contents

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