

Commander type FSSC-12

Command unit designed for use with the Quickstepper, FSS-12-C. The most important command functions are built into this device.

Accessories:

Protective cover, lockable
Type FSS-K-12-C
Panel mounting kit
Type FSS-F-12

The commander is a command module designed for pneumatic sequence controls employing the Quickstepper FSS-12-C.

It offers a high degree of reliability and fast design and commissioning of pneumatic control systems.

The commander can also be used together with sequence control systems.



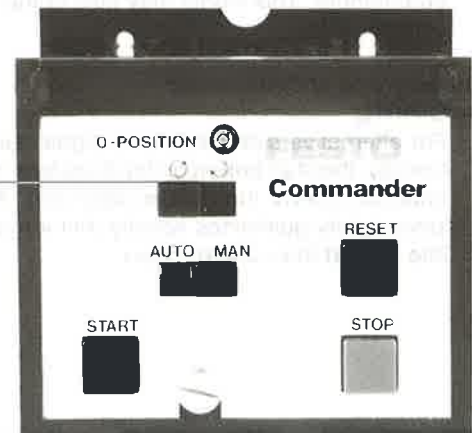
FSS-K-12-C



FSSC-12

Functions:

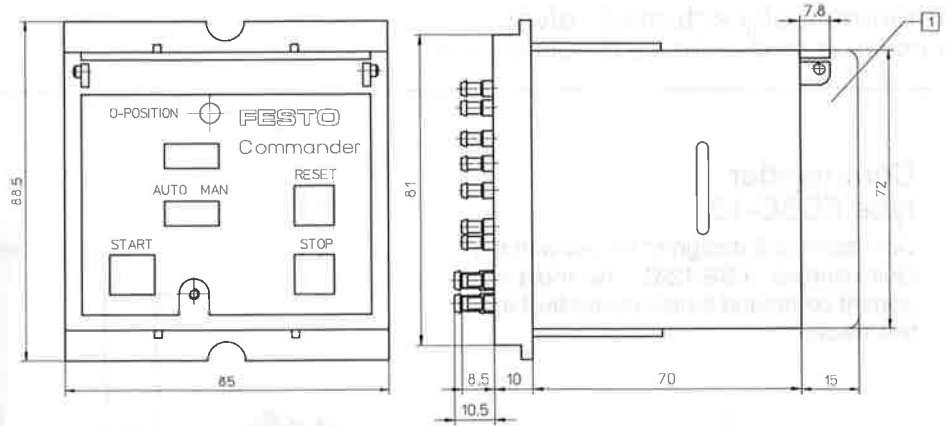
- 0-position:
Optical indicator for direct reporting of initial position by signal generators in the system.
- Reset:
Resetting active in MANUAL mode. The Quickstepper is set to step 12 in the initial position.
- START button
- AUTOMATIC/MANUAL selector:
In MAN mode, setting or step mode is activated.
- STOP button
for stopping in the cycle. The next step is disabled.
- Selector for continuous/single cycle:
If the selector switch is switched from continuous to single cycle or from single to continuous cycle whilst the controller is in operation, the cycle in progress is ended (Stop at end of cycle).



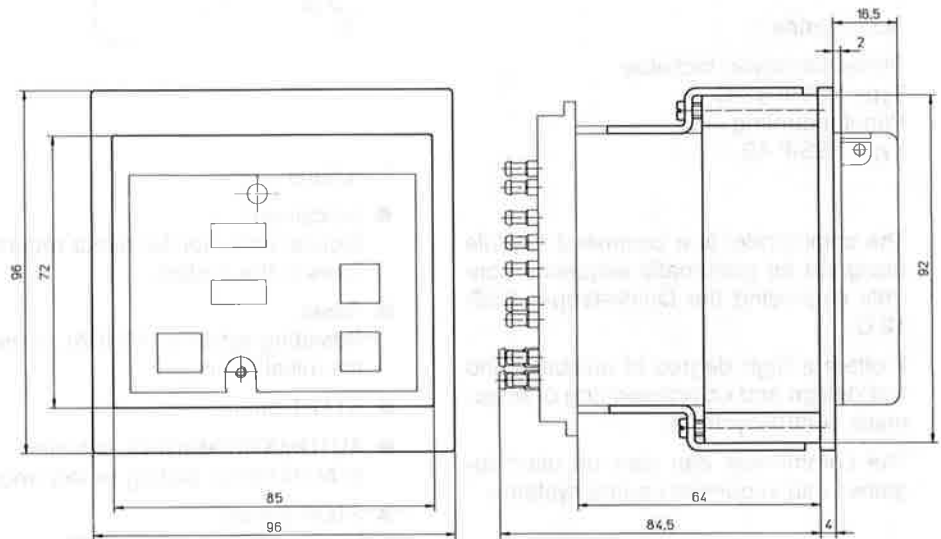
Order code	Part No./Type	13985 FSSC-12	15701 FSS-K-12-C	11570 FSS-F-12
Medium		Compressed air 5 µm, filtered, unlubricated		
Mounting		On 2n mounting frame or front panel		
Connection		Barbed fittings for 3 mm plastic tubing; P _{IN} and A _p 4 mm (type PU, PP)		
Operating pressure		2.5 to 6 bar		
Temperature range		- 15 to +60 °C		
Materials		Housing, sub-base: plastic; barbed fitting: brass Seals: perbunan, vulkollan		
Weights		0.450 kg	0.040 kg	0.110 kg

Type FSSC-12

1 With protective cover



Type FSS-F-12



Connection diagram

Reverse side of Quickstepper-C

– MAN/P

Connection of control air P when operating without the commander. This signal may also come from an external selector MAN.

Reverse side of Commander

– START_{IN}

For alternative external START-signal. Note: If started externally, the start button on the front face must be switched (internal START function is disabled). This is important since safety guidelines specify that it must only be possible to start from one position.

– L_{IN}

For an external reset signal. Note: RESET button on the front face can be switched then the RESET function is disabled internally.

– EMERGENCY STOP

Where there is no signal or else the control air supply fails, outputs A1 to A12 are disabled. This also applies if an EMERGENCY STOP button is unlocked.

– P_{IN}

Pilot pressure

– Stop_{IN}

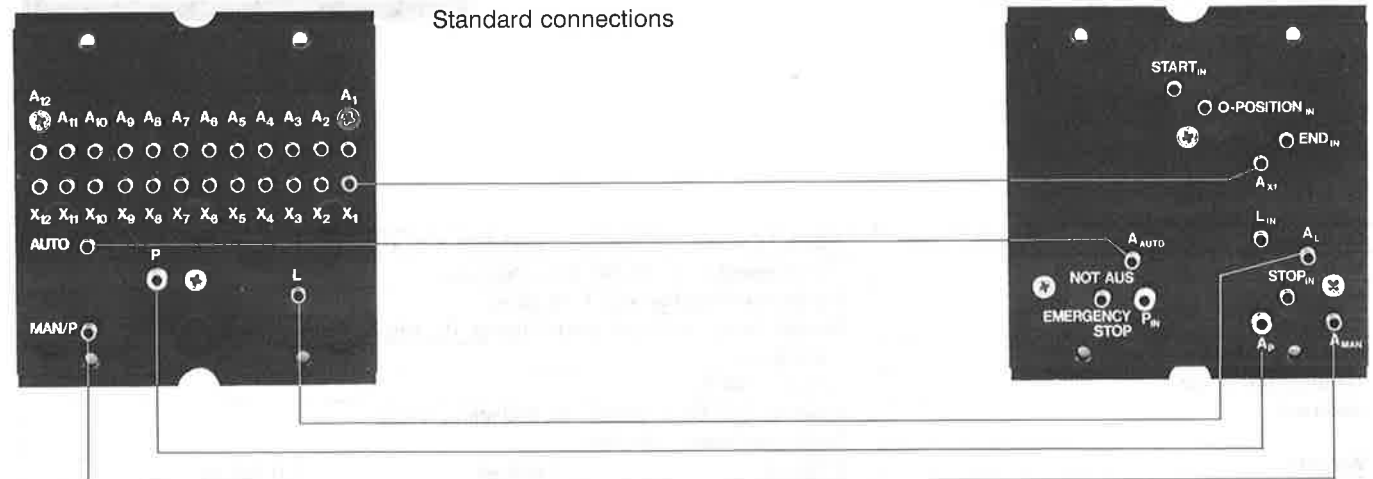
External signal for STOP in the cycle

– O-Position_{IN}

Direct common initial position

– END_{IN}

External signal for stop after end of cycle



Commander FSSC-12

Functionally matched command unit for the Quicksteper FSS-12-C. The most important command functions are incorporated into this module.

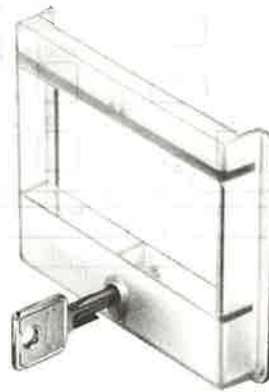
Accessories:

Protective cover, lockable
Type FSS-K-12-C
Front panel mounting kit.
Type FSS-F-12

The Commander is a command module for pneumatic sequences controlled by the Quicksteper FSS-12-C.

It offers greater reliability. Pneumatic control systems can be designed and put into service rapidly using this unit.

The command module can also be used in connection with step sequence control systems.



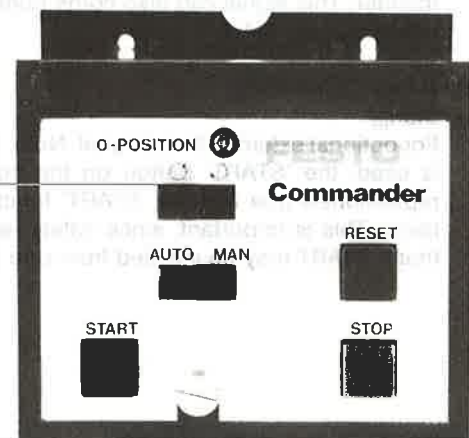
FSS-K-12-C



FSSC-12

Functions:

- **O-Position:**
Visual indicator for direct signalling of initial-position from signal generators within the installation.
- **Reset:**
Active in "MANUAL" mode. The Quicksteper is set to step 12 the initial position.
- **Start button**
- **AUTOMATIC/MANUAL selector:**
With MAN, setting or stepping mode is activated.
- **Stop button**
For stop within cycle. The next step is blocked.
- If while the controller is running the switch is changed from Continuous to Single cycle or from Continuous to Single cycle and back again, the cycle which has been started is completed.



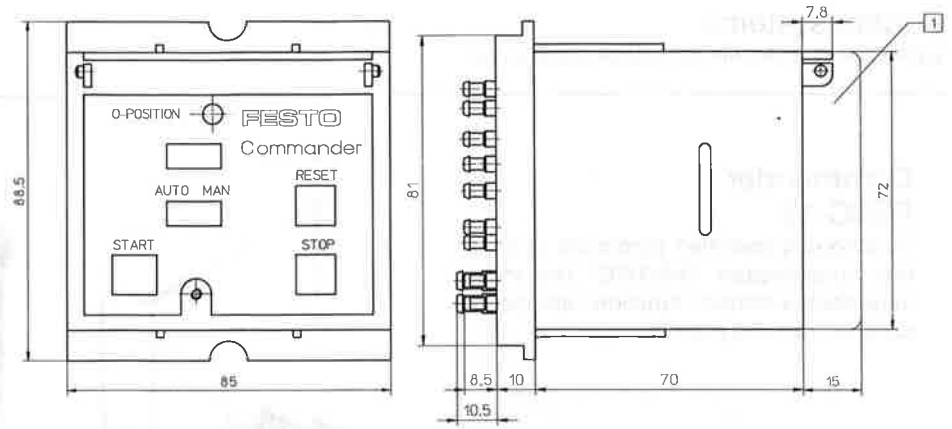
Order code	13985 FSSC-12	15701 FSS-K-12-C	11570 FSS-F-12
Medium	Compressed air, 5 µm filtered, unlubricated		
Mounting	On mounting frame 2n or front panel		
Connections	Barbed nipples for 3 mm plastic tubing: P _{IN} and A _P 4 mm (Type PU, PP)		
Operating pressure	2.5 to 6 bar		
Temperature range	- 15 to +60 °C		
Materials	Housing, connection plates: plastic; barbed nipples: brass Seals: Perbunan, Vulkollan		
Weight	0.450 kg	0.040 kg	0,110 kg

Type FSSC-12

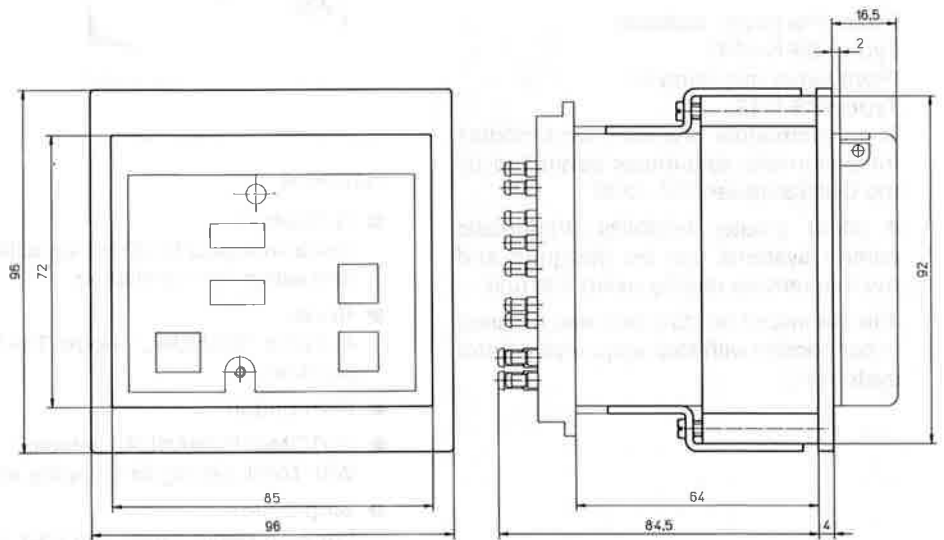
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1 Protective cover



Type FSS-F-12



Connections

Rear face Quickstepper-C

– MAN/P

Connection for control air P, if working without Commander. This signal can also come from an externally selected source, MAN.

Rear face Commander

– Start_{IN}

For optional external 'Start' signal. Note: If an external start is used, the 'START' button on the front face must be repositioned (the internal 'START' function is then disabled). This is important, since safety regulations specify that a START may be initiated from one point only.

– L_{IN}

For external re-set signal. Note: The 'RESET' button on front face can be repositioned, then the internal re-set function is blocked.

– Emergency stop

If no signal is present, or if the control air supply fails, the outputs A1...A12 are blocked. This also applies if an EMERGENCY STOP button is unlatched.

– P_{IN}

Control pressure

– Stop_{IN}

External signal for 'Stop' during cycle

– O-position_{IN}

Common initial position

– END_{IN}

External signal for 'Stop' at end of cycle

Standard connections

