

Valve terminal CPV-SC

New: Individual connections

FESTO



Compact dimensions, optimised flow rate, neat design

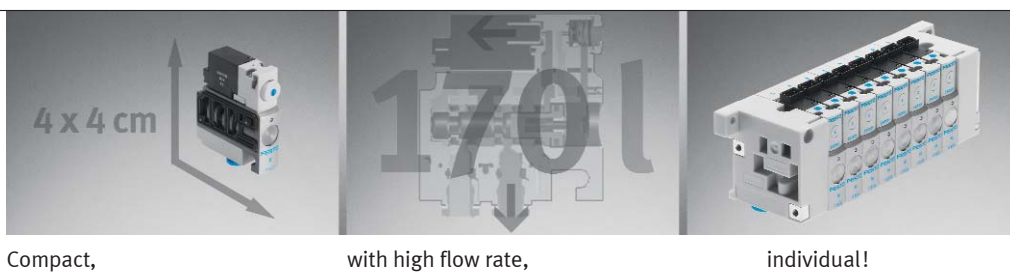
This miracle space-saver, 40 x 40 mm and with a flow rate of 170 l/min. is now available in a new variant, with an individual electrical connection for each valve. A simple compact square, with an overall length even less than the valve-terminal variant with a multi-pin electrical connector. Flexible to meet individual needs, attractively priced.

Installation-optimised

One cable per valve for individual connections, providing simple and inexpensive installations, particularly small installations or assembly cells, without the need for a multi-pin or field-bus connector. A further plus point: The simple and robust electrical connection system – proven countless times over.

Optimised for high performance and minimum installation space

- High flow rate: 170 l/min.
- Wide pressure range: from vacuum to 7 bar
- Versatile functions: 5/2-, 3/2- and 2/2-way valves
- Choice of connections: Threads or directly-integrated QS fittings
- Minimum installation space: 40 x 40 mm with a width of only 10 mm
- Length 2 to 16 valves, in single steps



Compact,

with high flow rate,

individual!

226.5.PSI →

Product Short Information

Valve terminal CPV-SC

New: Individual connections

Choice of electrical connector systems

Individual connections

A cable with pre-fitted plug for each valve position

Multi-pin connector

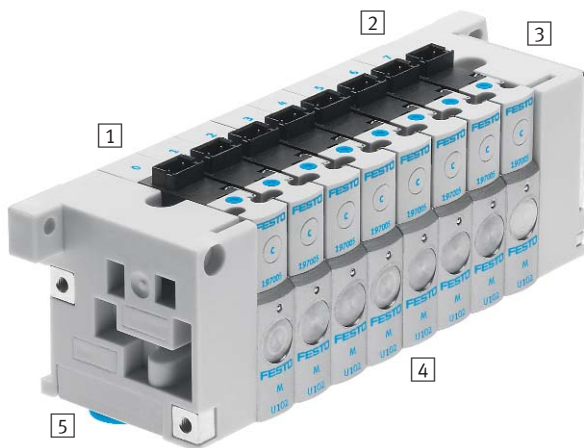
Sub-D or multiple connector for ribbon cable

Fieldbus Direct

Fieldbus Direct connection using Profibus DP or DeviceNet in accordance with ODVA standard

CPI interface

Link to CPI installation system via pre-assembled cables



- 1 Individual electrical connections at rear (HC) or top (TC), with or without LED per valve
- 2 Wide choice of valve functions: 5/2-, 3/2- and 2/2-way valves
- 3 Manual override with momentary contact or detent, label holder for individual labelling
- 4 Integrated QS fittings (QS-3, QS-4) or M5 threads
- 5 Alternative electrical connections: Multi-pin, Fieldbus Direct, CPI installation system

Innovative

- Choice of numerous valve functions; 5/2-, 3/2- and 2/2-way functions with ultra-compact dimensions
- With a max. flow rate of 170 l/min., the CPV-SC offers high pneumatic performance for a wide range of applications
- Low weight

Versatile

- Particularly suitable for operation with small pneumatic drives in confined spaces
- Integrated large-area silencers or ducted exhaust air
- Suitable for vacuum
- Allows several different pressure zones on one terminal

Easy to install

- Ordering, installation and commissioning all with very little effort
- Can be mounted directly even on moving machine components
- Easy-replaceable valve modules

Technical data	
Supply port	M7, QS-6
Working port	M5, QS-3, QS-4
Exhaust port	<ul style="list-style-type: none"> • M7, QS-6 • Integrated large-area silencer • End plate with G1/4 connection
Ambient temperature	-5 ... +40 C
Maximum equipment level	<ul style="list-style-type: none"> • Up to 16 valve coils at 16 valve positions • Can be expanded via CPI interfaces with modules from CPI installation
Degree of protection	IP40
Valve functions	5/2-way single-solenoid, 5/2-way double-solenoid, 3/2-way NO or NC
Display components	With or without LEDs as switching-status display
Size	Height 40 mm, width 40 mm, length depends on valves fitted
Pressure range	-0.9 ... 7 bar
Max. flow rate	170 l/min.
Valve positions	2 or 4 ... 16 valves, in single steps
Power supply	24 V DC $\pm 10\%$, with individual connections also in 5 VDC and 12 VDC $\pm 10\%$
Electrical connection	<ul style="list-style-type: none"> • Individual connections, plug connector at rear (HC) or top (TC) • Multi-pin connector • Fieldbus Direct (Profibus DP, DeviceNet) • CPI string expansion



CPV-SC 4-fold with sub-D multi-pin connector and label holder



CPV-SC 16-fold with sub-D multi-pin connector and G1/4 end plate



CPV-SC 16-fold with DeviceNet

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