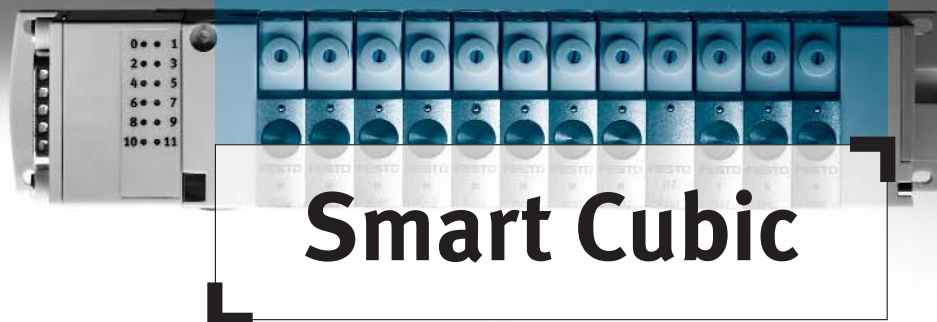


# Valve terminal CPV-SC

FESTO



**Compact format, optimised flow rate, clean design.**

**Consistently well planned:  
The CPV Smart Cubic fixed-grid  
valve terminal**

With 4, 8, 12 or 16 valve positions with a height and width of only 40 mm, the CPV-SC fits in practically anywhere. It can even be mounted to a top-hat rail.

**Consistently flexible**

The CPV Smart Cubic boasts even more flexibility with a wide variety of selectable functions: 5/2-way single solenoid, 5/2-way double solenoid, 3/2-way normally closed or open, and 2/2-way normally closed.

**Consistently well planned**

Connection options par excellence for both pneumatic and electrical connections. The practically oriented pneumatic outputs at the front are just as convincing as the simple electrical connection options with sub-miniature plug connector, ribbon cable or DeviceNet. And last but not least, multifunctional inscription label holders for permanent labelling, and for covering the manual override.



4 x 4 cm ...

+ a flow rate of 170 l/min

= Smart Cubic space-saving miracle!

226.1.PSI →

Product Short Information

# Valve terminal CPV-SC

**Reduced downtimes**  
LEDs indicate switching status

**Reliable operation**  
Manual override, pushing and detenting  
10 mm width

**Inscription label holder**  
Simple, permanent labelling of valves and covering of the manual override.

**Simple electrical connection**  
SUB-D plug, flat ribbon cable or DeviceNet

**Quick installation**  
Can be mounted directly with screws or top-hat rail

**Selectable valve functions**  
5/2-way single solenoid  
5/2-way double solenoid  
3/2-way normally closed or normally open  
2/2-way normally closed

**Practical connection**  
Threaded or push-in connector

**Space-saving**  
Grid: 40 x 40 mm  
Up to 16 valves

**Innovative**

- Numerous selectable functions: 5/2-way, 3/2-way and 2/2-way functions with extremely small dimensions
- With a flow rate of 170 l/min, CPV-SC offers outstanding pneumatic performance for a wide range of applications.
- Minimal weight

**Versatile**

- Especially well suited for the operation of small pneumatic drives in cramped installation spaces
- Integrated, large surface mounted silencers or ducted exhaust air
- Suitable for vacuum
- Allows for several pressure zones at a single valve terminal

**Reliable**

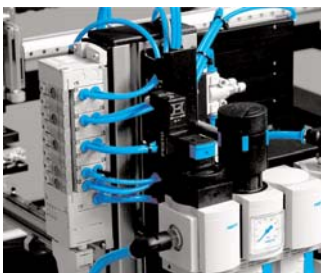
- Sturdy thanks to metal housing and connector thread
- LEDs indicate the signal status of each valve position at the control unit

**Easy to install**

- Minimised ordering, installation and commissioning expenses
- Can even be directly mounted to moving system components
- Easily interchangeable valve slices

Technical Data	
Valve width	10 mm
Size	Height: 40 mm, width: 40 mm, length depends upon included valves
Flow rate	up to approx. 170 l/min
Valve positions	4, 8, 12 and 16
Operating voltage	24 V DC ±10 %
Protection	IP40

## Smart Cubic applications



- Expansion of the CPV-SC valve terminal's range of applications for fieldbus users to include handling and compact applications
- CPV-SC is targeted primarily at the electronics industry and light assembly (e.g. manufacturing and assembly of small, lightweight parts), and the semiconductor industry (e.g. chip manufacturing and processing)

## Festo AG & Co. KG

Ruiter Strasse 82  
73734 Esslingen  
Internet [www.festo.com](http://www.festo.com)  
Tel. ++49 (0)711 347-0  
Fax ++49 (0)711 347-2144  
E-mail [service\\_international@festo.com](mailto:service_international@festo.com)