

Valve terminal CPV-SC

Fieldbus Direct: Smart Cubic with Profibus

FESTO



Direct connection of the valve terminal CPV-SC to the Profibus DP

CPV-SC is a valve terminal with a revolutionary 4 x 4 cm design format. Quick overview: 10 mm grid dimension, series manifold valve, up to 170 l/min flow rate, max. 16 solenoid coils. **New:** the built-in Profibus DP node for integration in Profibus controlled installations.

Technology to your benefit

- Space-saving pneumatic connection technology – optimised fitting space for tubing connections.
- An installation-saving solution thanks to the Profibus connection that reduces wiring.
- Space-saving pneumatic and electronic solution for optimum space usage within a system.
- Expansion using CPI connection via compact CPI/O module



4 x 4 cm...

+ 170 l flow rate

= space-saving Smart Cubic!

226.6.PSI →

Product Short Information

Valve terminal CPV-SC

Fieldbus Direct: Smart Cubic with Profibus

Technical data

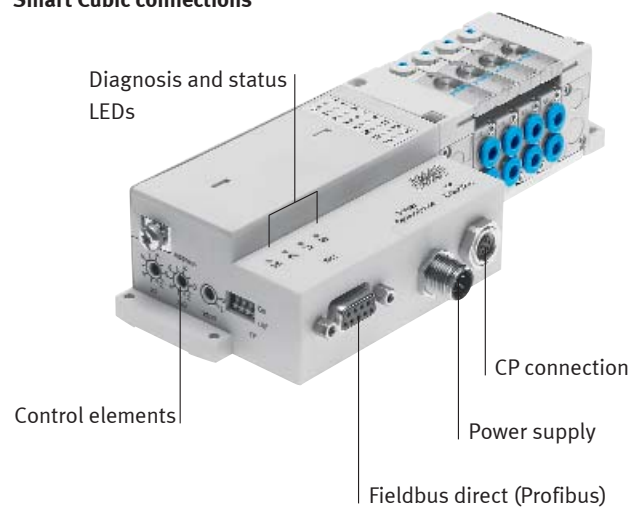
Designation	CPV-SC-DI01
Protection class	IP40
Display components	4 LEDs for Profibus, power supply and CPI system 16 LEDs for switching position display of the valves
Interface/connector	<ul style="list-style-type: none"> • Profibus: Sub-D, 9-pin, socket. • Power: M12, 5-pin, A-coded. • CPI system: M9, 5-pin for CPI string extension.
System expansion	<ul style="list-style-type: none"> • 4, 5, 6, ... 15, 16 valve positions. • Expansion option via CPI connection with modules of the CPI installation system for up to 32 additional inputs and 32 additional outputs.
Standard	EN 50170



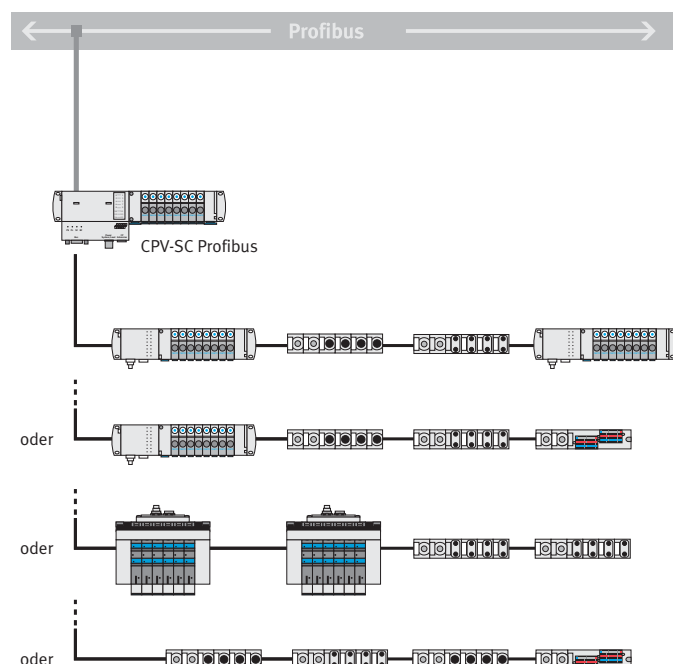
Smart Cubic application

- Expands CPV-SC valve terminal application areas for fieldbus users in terms of handling and compact applications.
- CPV-SC is designed specifically for the electronics industry, i.e. light assembly (e.g. production/assembly of small and light components) and the semiconductor industry (e.g. chip manufacturing and processing).

Smart Cubic connections



Control architecture



Festo AG & Co. KG

Ruiter Strasse 82
D-73734 Esslingen
Internet www.festo.com
Tel. ++49 (0)711 347-0
Fax ++49 (0)711 347-2144
E-mail service_international@festo.com