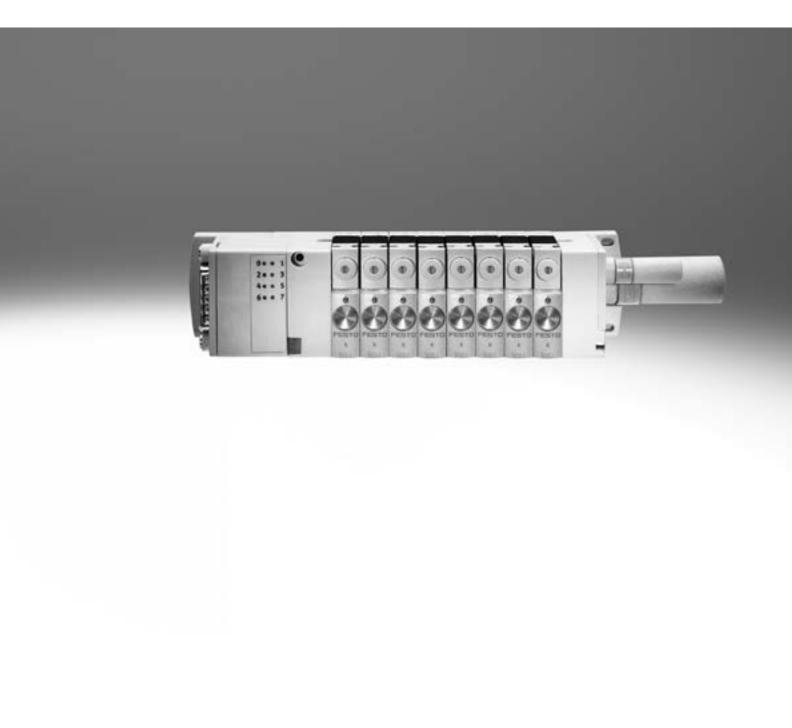
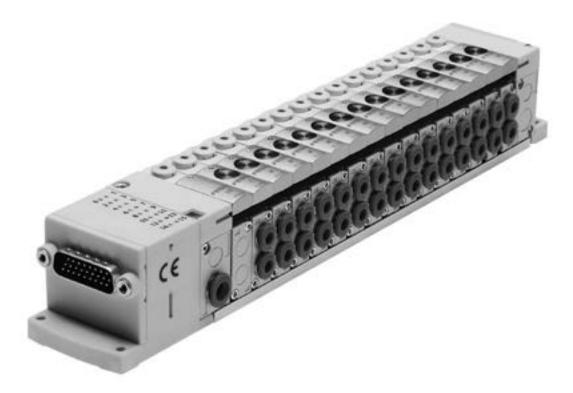
Valve terminal CPV-SC, Smart Cubic

FESTO



Key features



Innovative

- Small, compact valve terminal for a wide range of pneumatic applications
- Great flexibility during planning, assembly and operation
- Multi-pin interface
- Wide range of selectable valve functions; 5/2-way, 3/2-way and 2/2-way functions
- With a flow rate of 170 l/min, CPV-SC offers outstanding pneumatic performance for a wide range of applications
- Light weight

Versatile

- Provides 2 ... 16 valve positions on one terminal
- Particularly suitable for operation of small pneumatic drives in restricted installation space
- Flexibility of the pneumatic working ports provides a practical solution to different requirements
- Round silencers, integrated flat plate silencers or threaded/push-in connection for ducted exhaust air
- Suitable for vacuum
- Enables multiple pressure zones on a single valve terminal

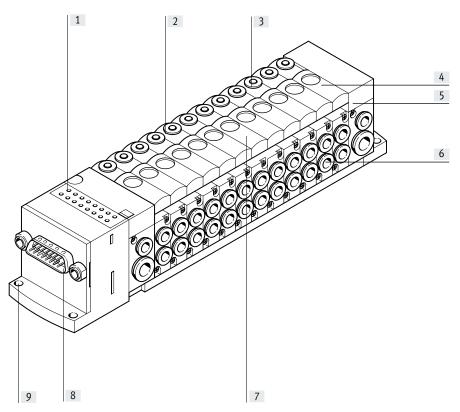
Reliable

- · Manual override
- Durable thanks to tried-and-tested piston spool valves
- Sturdy thanks to metal housing and connecting thread
- Fast troubleshooting thanks to an LED on each valve and diagnostics via fieldbus

Easy to mount

- Fully assembled and tested valve terminal
- Reduced ordering, assembly and commissioning costs
- Suitable for direct mounting even on moving system components

Key features



- [1] Reduced downtimes: light emitting diodes indicate the switching status
- [2] Valve size 10 mm
- [3] Reliable operation: manual override non-detenting and detenting
- [4] Simple to extend: blanking plates reserve space for additional valves
- [5] Space saving:
 Grid 40x40 mm
 Maximum 16 valves
- [6] Practical connection: thread or push-in connector
- [7] Comprehensive range of valve functions
- [8] Simple electrical connections: individual valve connection, Sub-D plug, ribbon cable
- [9] Quick to mount: secure directly using screws

Equipment options

Valve functions

- 5/2-way valve, single solenoid
- 5/2-way valve, double solenoid
- 3/2-way valve,
- normally open
- 3/2-way valve,
- normally closed
- 2/2-way valve,
- normally closed

Separator plate with additional compressed air supply

- Compressed air duct (1) closed
- Compressed air duct (1) and exhaust duct (3/5) closed

Blanking plate

Plate without valve function for reserving a valve position

Electrical connection options

Individual connection

- 2 ... 16 valve positions/ max.16 solenoid coils
- Individual connection, horizontal (H)
- Individual connection, vertical (T)

Multi-pin

- 4 ... 16 valve positions/ max. 16 solenoid coils
- Sub-D
- Ribbon cable

CP interface

- 4 ... 16 valve positions/ max. 16 solenoid coils
- Additional valve terminals CPV-SC-CPI or from CPV series

Key features

Ordering data - Product options



Configurable product
This product and all its product
options can be ordered using the
configurator.

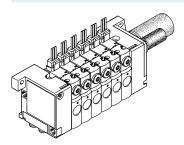
The configurator can be found under Products on the DVD or at

→ www.festo.com/catalogue/...

Part no. Type 525675 CPV-SC-MP-VI

538510 CPV-SC-FB-VI

Individual connection



The connection is independent of the control technology and flexible using pre-assembled cables. This ensures that the connection is reverse polarity protected.

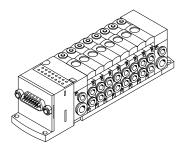
Valves with integrated LED (CPVSC1-M1LH-...) are optionally available for switching status indication.
2 to 16 solenoid coils (divided between 2 to 16 valve positions) can

be selected with individual connection.

Versions

- Individual connection, horizontal
- Individual connection, vertical
- 2 to 16 solenoid coils

Multi-pin plug connection



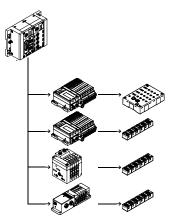
Control signals to the valve terminal are transmitted via a pre-assembled multi-core cable, which substantially reduces installation time.

4 to 16 solenoid coils (divided between 4 to 16 valve positions) can be selected with multi-pin plug connection.

Versions

- Sub-D connection
- Ribbon cable connection
- 4 to 16 solenoid coils

Installation system CPI



Valve terminal for installation system CPI:

The valve terminal with CP connection is provided for connection to a higher-level bus node or to control blocks. A bus node or control block additionally enables connection of decentralised input/output units.

The following bus protocols are supported:

- PROFIBUS DP
- INTERBUS
- DeviceNet
- CANopen
- CC-Link
- EtherNet/IP
- PROFINET
- POWERLINKEtherCAT
- Sercos III

Four strings having up to 32 inputs and outputs can be connected to a bus node or control block. The connecting cables transmit the power supply for the input modules and the load voltage for the valves as well as control signals.

Additional information

→ Internet: ctec

Peripherals overview

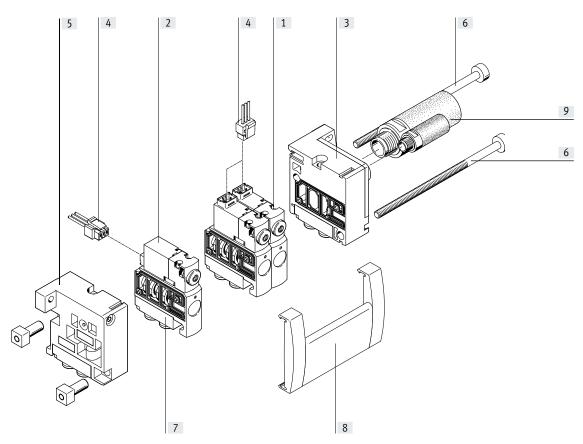
Overview - CPV-SC valve terminal

Valve terminal with individual electrical connections

- Vertical individual connection Code: T
- Horizontal individual connection Code: H

Valve terminals with individual electrical connection can be equipped with 2 to max. 16 valve positions.

Each valve position can either be equipped with a valve or a blanking plate.



- [1] Valve with vertical individual connection
- [2] Valve with horizontal individual connection
- [3] Right-hand sub-base for unducted exhaust air
- [4] Plug socket with cable for individual electrical connection of the valves
- [5] Left-hand end plate for compressed air supply 1 or 12/14
- [6] Tie rod
- [7] Sub-base for working ports (push-in fitting or thread)
- [8] Inscription label holder
- [9] Silencer

Peripherals overview

Valve terminal with electrical multi-pin plug connection

- 15-pin and 26-pin Sub-D multi-pin plug connection
- Code: MS, MH

or

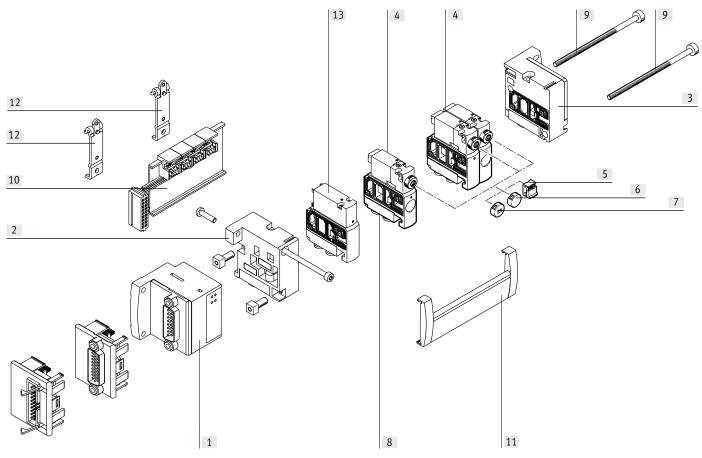
- 20-pin multi-pin plug connection with connector for ribbon cable
- Code: MF

Valves and end plates are the basic pneumatic components of the valve terminal.

The valve terminals are connected to the end plates using tie rods.

Valve terminals with electrical multi-pin plug connection can be equipped with 4 to max. 16 valve positions. Each valve position can either be equipped with a valve or a blanking plate.

The electrical connection is located on the left-hand side, enabling a particularly flat installation.



- [1] Electrical control unit (with LED switching status indications) for Sub-D plug or ribbon cable
- [2] Left-hand end plate for compressed air supply 1 or 12/14
- [3] Right-hand end plate for ducted exhaust air or silencer (3/5 or 82/84)
- [4] Valve
- [5] Cover cap for manual override, manually operated without accessories (code Y)
- [6] Cover cap for manual override, MO blocked (code V)
- [7] Cover cap coded, MO non-detenting (code K)
- [8] Sub-base for working ports (push-in fitting or thread)
- [9] Tie rod
- [10] Electrical valve linking module
- [11] Inscription label holder
- [12] H-rail mounting
- $[13] \ Blanking \ plate \ for \ vacant \ position$

Peripherals overview

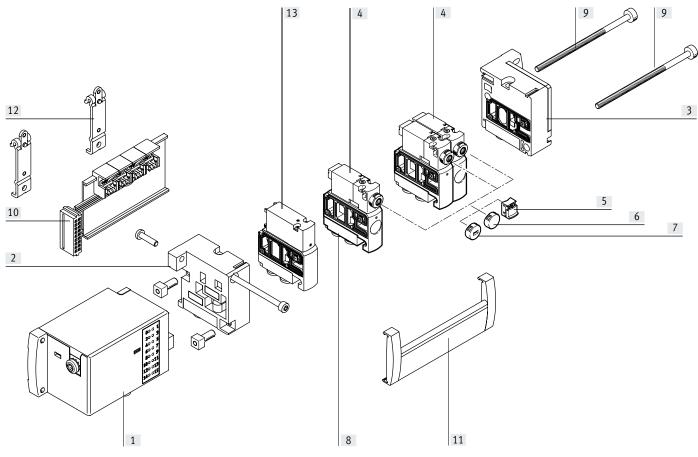
Valve terminal with CPI connection

- CP interface M9, 5-pin
- Code: CP

Valves and end plates are the basic pneumatic components of the valve terminal.

The valve terminals are connected to the end plates using tie rods.

Valve terminals with CP interface can be equipped with 4 to max. 16 valve positions. Each valve position can either be equipped with a valve or a blanking plate. The electrical connection is in the same direction as the tubing connection in order to save space.



- [1] CPI connection
- [2] Left-hand end plate for compressed air supply 1 or 12/14
- [3] Right-hand end plate for ducted exhaust air or silencer (3/5 or 82/84)
- [4] Valve

- [5] Cover cap for manual override, manually operated without accessories (code Y)
- [6] Cover cap for manual override, MO blocked (code V)
- [7] Cover cap coded, MO non-detenting (code K)
- [8] Sub-base for working ports (push-in fitting or thread)
- [9] Tie rod

- $[10] \ \ Electrical \ valve \ linking \ module$
- [11] Inscription label holder
- [12] H-rail mounting
- [13] Blanking plate for vacant position

Valves

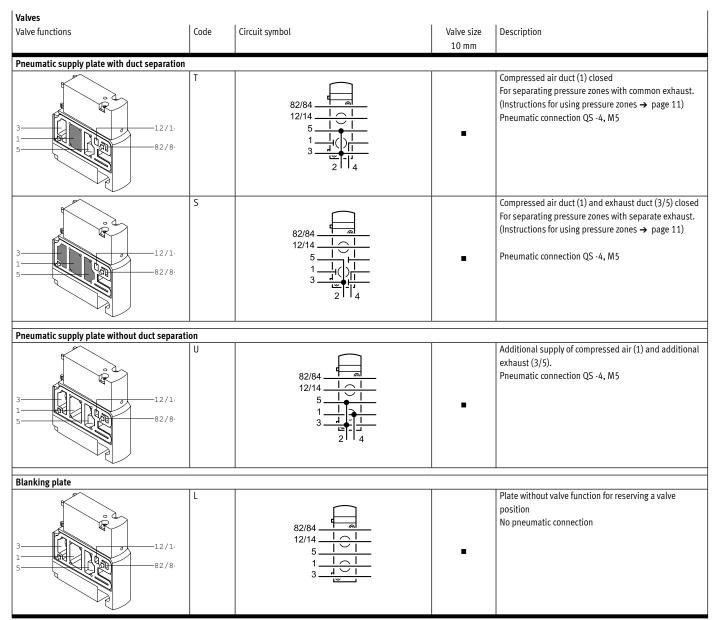
Valves CPVSC1 are valves with integrated sub-bases, i.e. in addition to the valve function they also include all ducts for supply, exhaust and for the working connections. The supply ducts

are the central component of the valve slices and enable direct through flow. This makes it possible to achieve maximum flow rates. All valves have a pneumatic pilot control for optimising performance. The valve function is based on a piston spool system with patented sealing principle, ensuring a broad range of applications and long service life.

Valve functions	Code	Circuit symbol	Valve size	Description
	M	14 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•	5/2-way valve, single solenoid • Pneumatic spring return
	N	10 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•	3/2-way valve, single solenoid Normally open Pneumatic spring return
	К	14 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•	3/2-way valve, single solenoid Normally closed Pneumatic spring return
	D	14 4 1 14 84 1	•	2/2-way valve, single solenoid Normally closed Pneumatic spring return
	J	14 4 2 12 T 14 84 5 1 3 12 82	•	5/2-way valve, double solenoid This valve consists of two valve housings and therefore occupies two valve positions. The pilot control with coil 12 is situated on the left and marked "J12". If both coils are actuated, the signal on port "14" dominates in the switching position.

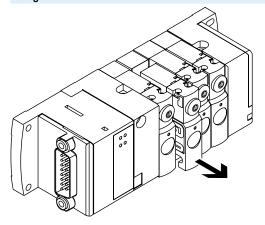


A filter must be installed upstream of valves operated in vacuum mode. This prevents any foreign matter in the intake air getting into the valve (e.g. when operating a suction cup with connector).



When configuring the compressed air supply code S or T (exhaust via flat plate silencer), a push-in silencer UC-QS-4H is included for plates with supply port.

Design



Valve replacement

Valves can be replaced quickly and easily in just a few movements. Separating seals between the valves are based on a metal support and are secured in place.

Extension

Valves can be ordered as accessories and are available with fully assembled sub-bases with QS push-in fittings or threaded connections. The valve terminal can thus be extended with additional functions by replacing blanking plates.

Valves have the valve code on the front and the product type on the back to facilitate ordering.

Materials

The valve housing and thread in the sub-bases are made of metal; further housing parts are made of sturdy plastic materials.

- Note

The valve with working sub-base is a unit that has been tested for leakage by Festo.

Pilot air supply

The port for the main pneumatic supply is located on the left-hand end plate.

The ports differ for the following types of pilot air supply:

- Internal
- External

Internal pilot air supply

Internal pilot air supply can be selected if the terminal is working in an operating pressure range between 3 and $7^{1)}$ bar.

The pilot air supply is then branched from the compressed air supply 1 in the left-hand end plate using an internal connection. Port 12/14 is sealed with a blanking plug.

External pilot air supply

External pilot air supply must be used if the valve terminal CPV-SC is working in an operating pressure range of –0.9 to 3 bar. In this case, the pilot air is additionally supplied via port 12/14 on the left-hand end plate.

8 bar upon request

Creating pressure zones and separating exhaust air

The valve terminal CPV-SC can be operated with several pressure zones. For more than two pressure zones, a supply port with duct separation is required for each additional pressure zone. It always occupies one valve

position. An isolating disc T is used to separate the compressed air supply for groups of valves situated to the left and right of the compressed air supply. The pressure zone on the right is supplied at port 4 of the supply plate. Port

2 allows additional exhausting of the left-hand pressure zone. All exhaust ducts for the valves are connected to one another and exhausted via the right-hand end plate. An isolating disc S is used to separate the two exhaust

ducts 3 and 5 in addition to the pressure duct 1.



Note

Larger cylinders or those operated simultaneously generate a backpressure in the exhaust duct of the valve terminal; the level of this pressure depends on the exhaust capacity of the silencer. In order to prevent interaction with adjacent valves, valves

can be separated by means of duct separation using isolating disc S. The pressure zone situated to the left of an isolating disc S is exhausted via the supplied push-in silencer. If there are more than two valves in such a pressure zone, a further supply port

with additional exhaust may be necessary. It is therefore advantageous to have higher exhaust requirements in the pressure zone that is exhausted through the right-hand end plate.

Creating pressure zones	la i	la
	Code	Description
12/14 1	S	Ducts 1 and 3/5 separated
12/14 1	Т	Duct 1 separate

Pneumatic working ports							
	Code	Description					
Working port							
Sed Control ()	В	M5 threaded connection					
	E	QS-3 push-in connector					
	F	QS-4 push-in connector					
Supply port, left-hand end plate							
	С	Threaded connection • M7 (internal pilot air supply) • M5 and M7 (external pilot air supply)					
	G	Push-in connector • QS-6 (internal pilot air supply) • QS-4 and QS-6 (external pilot air supply)					

Valve terminal CPV-SC, Smart Cubic

Key features – Pneumatic components

Ports for supply and exhaust

Supply and exhaust

A basic feature of a CPV-SC valve terminal are the two end plates.

one is for exhausting the valve $% \left\{ \left(1\right) \right\} =\left\{ \left(1\right$

terminal.

The exhaust air escapes optionally

silencer, a round silencer or through a push-in or threaded connection.

The left-hand end plate is for compressed air supply and the right-hand through

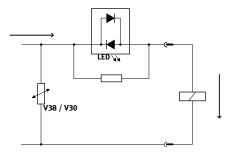
oply and the right-hand through an integrated flat plate

Connecti	Connections for exhaust					
Code	Description					
S	Internal pilot air supply					
	Exhaust from duct 3/5 an 82/84 via a flat plate silencer					
	Replacement part (insert) for flat plate silencer type CPVSC1-UA					
T	External pilot air supply					
	Exhaust from duct 3/5 an 82/84 via a flat plate silencer					
	Replacement part (insert) for flat plate silencer type CPVSC1-UA					
٧	Internal pilot air supply					
	Exhaust from duct 3/5 and 82/84 via ducted exhaust air					
Х	External pilot air supply					
	Exhaust from duct 3/5 and 82/84 via ducted exhaust air					
Υ	Internal pilot air supply					
	Exhaust from duct 3/5 and 82/84 via round silencer					
Z	External pilot air supply					
	Exhaust from duct 3/5 and 82/84 via round silencer					

Pneumatic supply End plate combination	Code	Description
82/84 la 1 2/14 la 1 3 3 1 5 la 1 5 l	S	Internal pilot air supply Flat plate silencer For operating pressure in the range 3 7 bar
82/84 12/14 1 5	Т	External pilot air supply Flat plate silencer For operating pressure in the range –0.9 +7 bar
82/84 82/84 1 5	V	Internal pilot air supply Ducted exhaust air For operating pressure in the range 3 7 bar
82/84 82/84 1 5	X	External pilot air supply Ducted exhaust air For operating pressure in the range –0.9 +7 bar
82/84 1 22/14 1 5	Y	Internal pilot air supply Round silencer For operating pressure in the range 3 7 bar
82/84	Z	External pilot air supply Round silencer For operating pressure in the range –0.9 +7 bar

Key features - Electrical components

Protective circuit



Each solenoid coil is protected with a spark arresting protective circuit as well as against polarity reversal.

Electrical multi-pin plug connection

There are two multi-pin connection types to choose from for valve terminal CPV-SC:

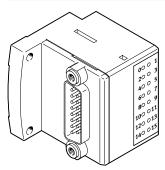
- Sub-D multi-pin plug connection (15-and 26-pin) or
- Multi-pin plug connection with contact strip for ribbon cable (20-pin)

The CPV-SC is connected via a multi-pin connection with Sub-D or ribbon cable. Each pin of the multi-pin plug is allocated to max. one valve position and thus to one coil or address.

Double-solenoid valves "J" occupy two valve positions. The left-hand valve position with pilot control 12 is controlled by the lower of the two address values.

${\bf Electrical\ multi-pin\ plug\ connection-Sub-D}$

Code MS, MH



With this electrical connection variant, all valves are controlled centrally via the 15- and 26-pin connector plug. The electrical connection is located on the left-hand side.

Ordering data – Sub-D connecting cable						
	Code	Description	Length [m]	Part no.	Туре	
	СР	15-pin for 12 coils (code MS)	2.5	527543	KMP6-15P-12-2.5	
	CQ	Material: PVC	5	527544	KMP6-15P-12-5	
	CR		10	527545	KMP6-15P-12-10	
0000	CP	26-pin for 16 coils (code MH)	2.5	527546	KMP6-26P-16-2.5	
(20000000)	CQ	Material: PVC	5	527547	KMP6-26P-16-5	
	CR		10	527548	KMP6-26P-16-10	

Key features – Electrical components

Pin allocation for 15-pin Sub-D (code MS) KMP6-15P-12	Description	Pin	Wire colour	Address/coil
9 0 1 9 0 0 2 10 0 0 3 11 0 0 4 12 0 0 5 13 0 0 6 14 0 0	Plug socket with cable for the valve terminal CPV-SC with max. 12 valve positions	1 2 3 4 5 6 7 8	White Brown Green Yellow Grey Pink Blue Red Black	Coil 0 Coil 1 Coil 2 Coil 3 Coil 4 Coil 5 Coil 6 Coil 7 Coil 8
150 08	- Note The drawing shows a view of the Sub-D socket on the multi-pin cable KMP6-15P-12	10 11 12 13 14 15	Violet Grey-pink Red-blue White-green Brown-green White-yellow	Coil 9 Coil 10 Coil 11 n.c. 0 V ¹⁾ 0 V ¹⁾

Pin 14 to pin 15 are bridged in the valve terminal
 V for positive switching control signals; 24 V can be connected for negative switching control signals

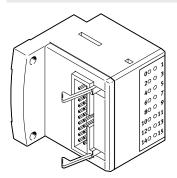
Pin allocation for 26-pin Sub-D (code MH) KMP6-26P-16	Description	l Pin	Wire colour	Allocation
9 00000000 1 18 00000000 10 26 0000000 19	Plug socket with cable for the valve terminal CPV-SC with 16 valve positions	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	White Brown Green Yellow Grey Pink Blue Red Black Violet Grey-pink Red-blue White-green Brown-green White-yellow Yellow-brown	Coil 0 Coil 1 Coil 2 Coil 3 Coil 4 Coil 5 Coil 6 Coil 7 Coil 8 Coil 9 Coil 10 Coil 11 Coil 12 Coil 13 Coil 14 Coil 15 n.c. n.c.
	- Note The drawing shows a view of the Sub-D socket on the multi-pin cable KMP6-26P-12	21 22 23 24 25 26	White-grey Grey-brown White-pink Pink-brown	n.c. n.c. 0 V ¹⁾ 0 V ¹⁾ 0 V ¹⁾ 0 V ¹⁾

Pin 17 to pin 22 are bridged in the valve terminal
 V for positive switching control signals; 24 V can be connected for negative switching control signals

Key features – Electrical components

Electrical multi-pin plug connection - Connector for ribbon cable

Code MF



With this electrical connection variant, all valves are controlled centrally via the 20-pin connector plug.

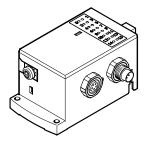
The electrical connection is located on the left-hand side.

		Pin	Allocation	
	Valve terminal CPV-SC with up to 16 valve	1	Coil 0	_
	positions and 20-pin multi-pin socket for	2	Coil 1	
+ +19	ribbon cables to DIN 41561-1, -2 or	3	Coil 2	
	IEC 60603-13-C020FD-7C1E-2G	4	Coil 3	
+ +17		5	Coil 4	
+ +15	Contact surface gold	6	Coil 5	
+ +13	Ribbon cable with grid of 1.27 mm	7	Coil 6	
+ +11	Conductor cross section 0.13 mm ²	8	Coil 7	
· ·		9	Coil 8	
+ + 9		10	Coil 9	
+ + 7		11	Coil 10	
+ + 5		12	Coil 11	
+ + 3		13	Coil 12	
		14	Coil 13	
+ + 1		15	Coil 14	
		16	Coil 15	
		17	0 V ¹⁾	
		18	0 V ¹⁾	
		19	0 V ¹⁾	
		20	0 V ¹⁾	

¹⁾ Pin 17 to pin 20 are bridged in the valve terminal.

Key features - Electrical components

CP connection



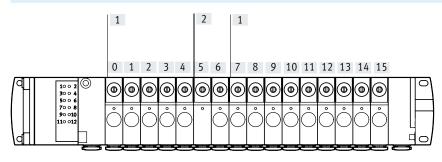
All CP valve terminals and CP modules are connected using a ready-to-install CP cable, and are attached to the CP interface. Four modules in each case, for example one valve terminal CPV-SC and one to three CP input modules, make up an installation string that ends at the CP interface.

The installation system supports a maximum of 4 installation strings that can be connected to a bus node. The CP interface of CPV-SC is represented in the CP/CPI system as a module having 16 outputs.

Additional information

→ Internet: ctec

Address allocation - Solenoid coils



[1] Single solenoid valves occupy one valve position

Addresses are allocated to valve positions on the CPV-SC from left to right. Each valve position occupies one address, regardless of whether a valve is mounted or not.

[2] Double-solenoid valves occupy two valve positions

Double-solenoid valves "J" occupy two valve positions. The left-hand valve position with pilot control 12 is controlled by the lower of the two address values.

Example:

Valve terminal in which valve positions 5 and 6 are prepared for a double-solenoid valve.

Key features – Display and operation

Display and operation

Each solenoid coil is assigned an LED on the command unit for switching status indication. Inscription labels (type MH-BZ-80x) can be applied to each valve for labelling purposes.

The manual override (MO) enables the valve to be switched when not electrically actuated or energised. The valve is switched by pushing the manual override. The set switching status can also be locked by turning the manual override.

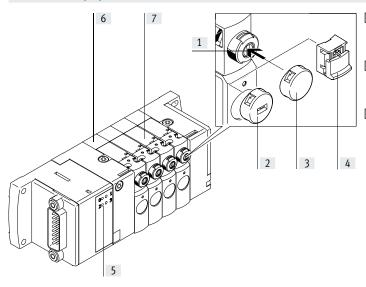
The cover cap (detenting without accessories, code Y) can be used to operate the manual override without any tools.

A cover can be fitted over the manual override to prevent it from being accidentally activated (code V).

- No

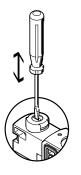
A manually operated valve (manual override) cannot be reset electrically. Conversely, an electrically actuated valve cannot be reset using the mechanical manual override.

Manual override (MO)



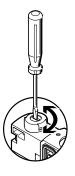
- [1] Manual override, MO non-detenting or detenting by turning (code N – without cover cap)
- [2] Cover cap coded, MO non-detenting (code K – with coded cover cap)
- [3] Cover cap for manual override, MO blocked (code V)
- [4] Cover cap, MO manually operated without accessories (code Y with cover cap)
- [5] LED signal status indication for each valve position
- [6] Numbering of valve positions
- [7] Location for valve position inscription label (type MH-BZ-80x)

MO with automatic return (non-detenting), code N – without cover cap



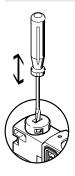
Manual override is actuated by pushing it with a pointed object or screwdriver and reset by spring force.

MO with lock (detenting), code N – without cover cap



Manual override remains active until it is reset with a screwdriver.

MO with automatic return (non-detenting), code K – with coded cover cap



MO is actuated by pushing it with a pointed object or screwdriver and reset by spring force (detenting position prevented by coded cover cap).



code Y - with cover cap

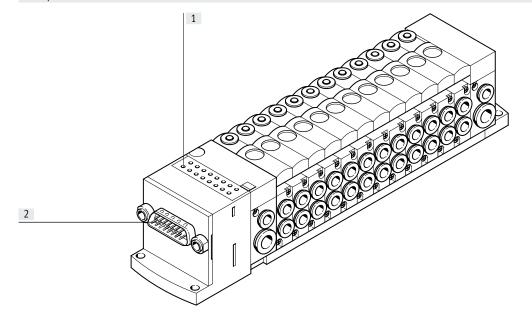
MO with lock (detenting without accessories),

Manual override remains active until it is reset manually (without any aids).

Key features – Display and operation

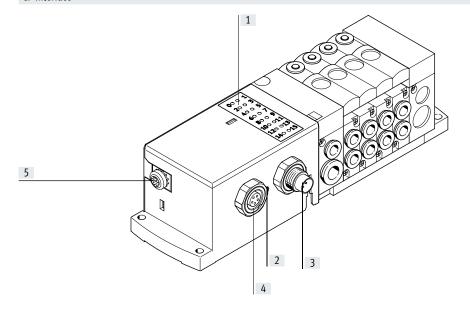
Display and operation

Multi-pin



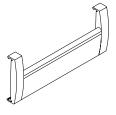
- [1] Status LEDs for valves
- [2] Sub-D plug or ribbon cable connection

CP interface



- [1] Status LEDs for valves
- [2] Status LED for CP communication
- [3] CP connection, incoming
- [4] CP connection, outgoing
- [5] Earth terminal

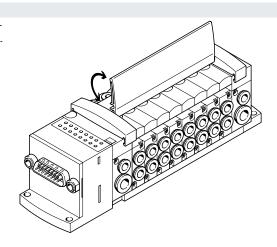
Inscription label holder



The transparent inscription label holder provides sufficient space for individually created labels on paper or film.

Labelling templates are available on the Festo website:

→ www.festo.com in the "Downloads" area under "Software".



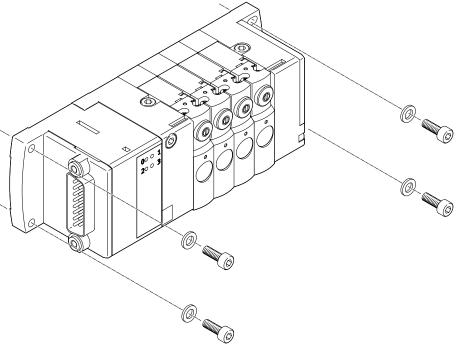
Key features – Types of mounting

Mounting - Valve terminal

Sturdy terminal mounting via:

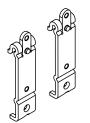
- Four through-holes for wall mounting
- H-rail mounting

Wall mounting

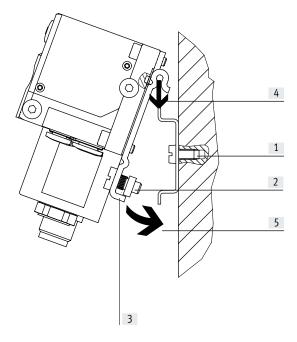


Mounting holes for screws M3

H-rail mounting



The mounting CPVSC1-HS35 facilitates mounting on an H-rail to EN 60715.



The valve terminal CPV-SC is attached to the H-rail → arrow [4]. It is then swivelled onto the H-rail and secured in place with the clamping component → arrow [5].

- [1] Holes for wall mounting
- [2] Self-tapping M4x10 screw for H-rail clamping unit
- [3] Clamping element of the H-rail clamping unit

Operating fluids

Operate your system with unlubricated compressed air if possible. Festo valves and cylinders are designed so that, if used as intended, they will not require additional lubrication and will still achieve a long service life. The quality of compressed air downstream of the compressor must correspond to that of unlubricated compressed air. If possible, do not operate the entire system with lubricated compressed air. The lubricators should, where possible, always be installed directly upstream of the cylinders used.

Incorrect additional oil and too high an oil content in the compressed air reduce the service life of the valve terminal.

Use Festo special oil OFSW-32 or the alternatives listed in the Festo catalogue (as specified in DIN 51524 HLP32; basic oil viscosity 32 CST at

Bio-oils

When using bio-oils (oils which are based on synthetic or native esters, e.g. rapeseed oil methyl ester), the maximum residual oil content of 0.1 mg/m³ must not be exceeded (see ISO 8573-1 Class 2).

Mineral oils

When using mineral oils (e.g. HLP oils to DIN 51524, parts 1 to 3) or similar oils based on poly-alpha-olefins (PAO), the maximum residual oil content of 5 mg/m^3 must not be exceeded (see ISO 8573-1 Class 4).

A higher residual oil content is not permitted, regardless of the compressor oil, because the permanent lubrication would otherwise be flushed out over a period of time.

Valve terminal CPV-SC, Smart Cubic

Data sheet

- N - Flow rate 170 l/min

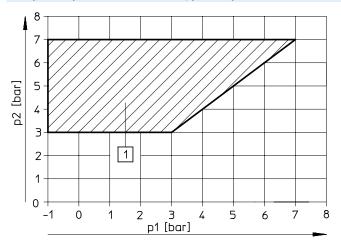
- **[]** - Valve width 10 mm

- **** - Voltage 5, 12, 24 V DC



General technical data								
Valve		5/2-way valve		3/2-way valve		2/2-way valve		
		Single solenoid	Double solenoid	Normal position	Normal position	Normal position		
				Open	Closed	Closed		
Valve function order code		M	J	N	K	D		
Design		Electromagnetically ac	tuated piston spool valve					
Reset method		Pneumatic spring	-	Pneumatic spring	Pneumatic spring	Pneumatic spring		
Valve size	[mm]	10		10		10		
Nominal width	[mm]	2.5		2.5		2.5		
Standard nominal flow rate	[l/min]	170		170		150		
Sealing principle	,	Soft						
Overlap		Positive overlap	Positive overlap					
Type of control	,	Piloted	Piloted					
Lubrication		Lifetime lubrication	Lifetime lubrication					
Type of mounting		Wall mounting	Wall mounting					
Mounting position		Any	Any					
Manual override		Non-detenting/detenti	ing/covered					
Exhaust air function		Cannot be throttled						
Flow direction		Non-reversible						
Pneumatic connections								
Supply	1	M7, QS-6	M7, QS-6					
Exhaust port	3/5	M7, QS-6, round silen	M7, QS-6, round silencer or integrated flat plate silencer					
Working ports	2/4	Dependent on the con	Dependent on the connection type selected					
		• M5						
		• QS-3						
		• QS-4	• QS-4					
Pilot air connection	12/14	M5, QS-4	M5, QS-4					
Pilot exhaust air port	82/84	M5, QS-4, round silen	cer or integrated flat plate sile	encer				

Pilot pressure p2 as a function of working pressure p1



[1] Operating range for valves with external pilot air supply

Valve switching times [ms]						
Valve function order code		М	J	N	K	D
Switching times	On	10	-	10	10	10
	Off	10	-	10	10	10
	Changeover	-	8	_	-	-

Operating and environmental conditions				
Operating medium		Compressed air to ISO 8573-1:2010 [7:4:4] → page 21		
Note on the operating/pilot medium		Lubricated operation possible (in which case lubricated operation will always be required)		
PWIS criterion		Free		
Certification		c UL us - Recognized (OL)		
Operating pressure	[MPa]	-0.09 +0.7		
	[bar]	-0.9 +7		
Operating pressure for valve terminal with internal pilot air supply	[MPa]	0.3 0.7		
	[bar]	37		
Pilot pressure	[MPa]	0.3 0.7		
	[bar]	37		
Ambient temperature	[°C]	-5 +50		
Temperature of medium	[°C]	-5 +50		
CE marking (see declaration of conformity)		To EU EMC Directive ¹⁾		
KC mark		KCEMC		
Note on materials		RoHS-compliant		

¹⁾ For information about the area of use, see the EC declaration of conformity at: www.festo.com/catalogue/cpv Support/Downloads.

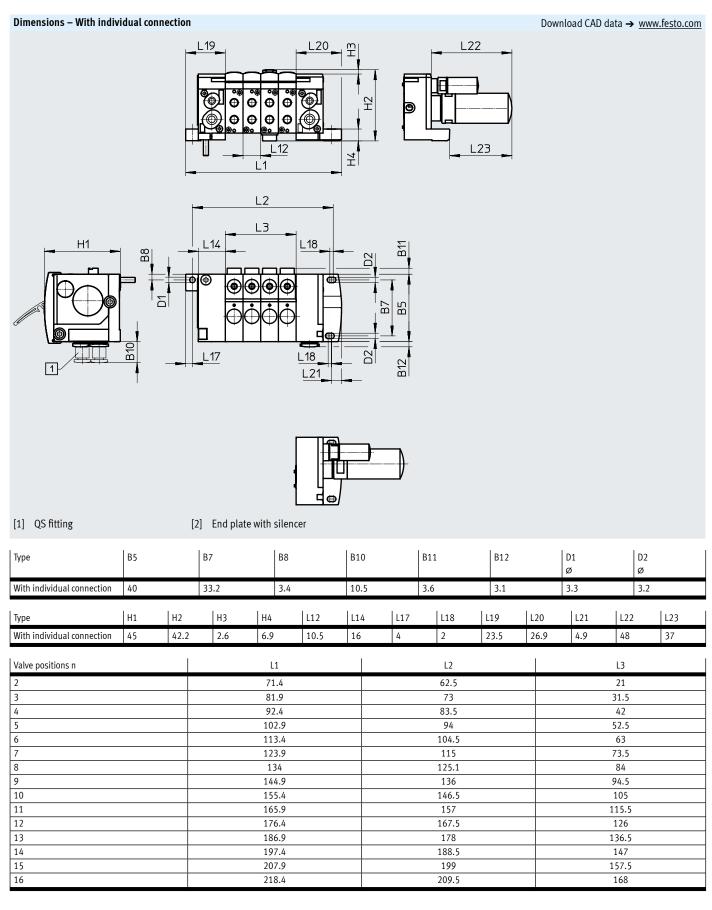
If the devices are subject to usage restrictions in residential, commercial or light-industrial environments, further measures for the reduction of the emitted interference may be necessary.

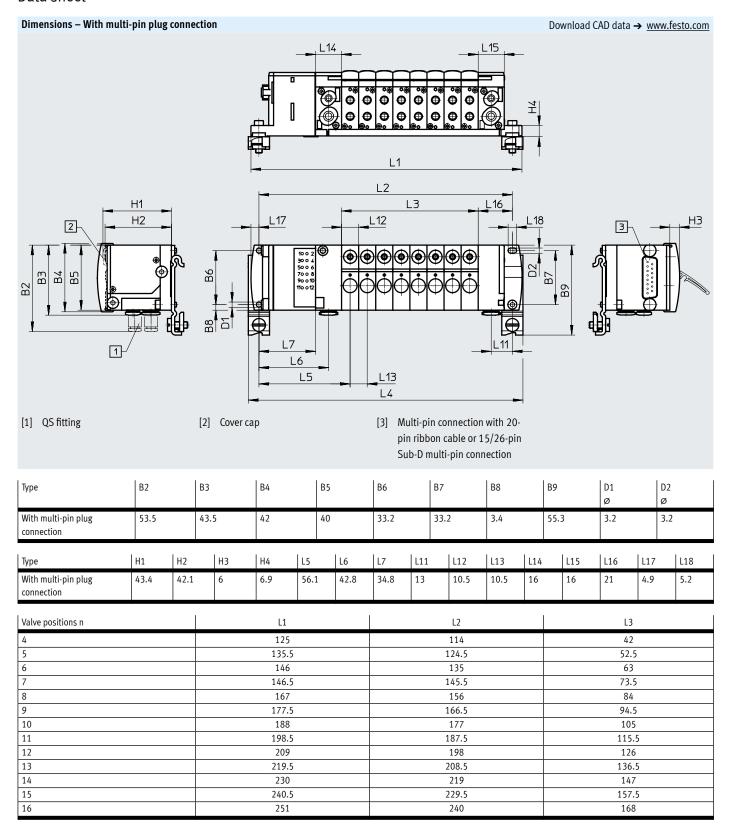
Electrical data			
Electrical control			Individual connection
			Multi-pin
			CP fieldbus
Electromagnetic compatibility of the	valve terminal CPV-SC with Sul	o-D or	Interference emission tested to DIN EN 61000-6-4, industry
ribbon cable connection			Interference immunity ¹⁾ tested to DIN EN 61000-6-2, industry
Protection against electric shock (pro as per EN 60204-1/IEC 204)	otection against direct and ind	irect contact	Via PELV power supply
Nominal operating voltage	Multi-pin plug connection [V DC]		24
	Individual connection	[V DC]	5, 12, 24
Permissible voltage fluctuations		[%]	±10
Characteristic coil data	Nominal voltage	[V DC]	5, 12, 22, 24
	Electrical power	[W]	1
	consumption		
Duty cycle ED			100% at 40°C ambient temperature
Degree of protection to EN 60529		•	IP40 (in assembled state and with detenting plug)
Relative humidity	·	[%]	90% at 40°C, non-condensing

¹⁾ The maximum signal cable length is 10 m

Materials	
Electrical interface	Polymer
End plate, electrical sub-base	Polymer
Seals	NBR
Valve sub-base	Die-cast aluminium
Sub-base for working ports	PA

Product weight [g]		
Single solenoid valves (code M, N, K, D)	30.5	
Double solenoid valves (code J)	56.5	
Vacant position	22.5	
Right-hand end plate	42.5	
Left-hand end plate	28	
Actuator housing	43	
Tie rod, 16-fold	29.6	
Electrical manifold module, 16-fold	64	
Electrical interface CPI	150	





Dimensions - Sub-D plug with cable [1] 15/26-pin plug

Туре	B1	D1	H1	L1		L2		Number of pins
KMP6-15P-12	16	8.5	40	34.5	2500	5000	10000	15
KMP6-26P-16	16	8.6	40	34.5	2500	5000	10000	26

g	es with electrical plug-in connection	Part no.	Туре
^	Solenoid valve with M5 connections	Tareno.	1,500
$\langle \; \rangle_{\star}$		527550	CDVCC4 MAIL M D MC
	5/2-way valve, single solenoid 5/2-way valve, double solenoid	527550 527553	CPVSC1-M1H-M-P-M5
	3/2-way valve, normally open		CPVSC1-M1H-J-P-M5
	3/2-way valve, normally closed	527551 527552	CPVSC1-M1H-N-P-M50 CPVSC1-M1H-K-P-M5C
	2/2-way valve, normally closed		CPVSC1-M1H-R-P-M5C
	2/2-way valve, normany closed	527554	CPVSCI-MIN-D-P-M5C
	Solenoid valve with QS-3 push-in connectors		
	5/2-way valve, single solenoid	527555	CPVSC1-M1H-M-P-Q3
	5/2-way valve, double solenoid	527558	CPVSC1-M1H-J-P-Q3
	3/2-way valve, normally open	527556	CPVSC1-M1H-N-P-Q30
	3/2-way valve, normally closed	527557	CPVSC1-M1H-K-P-Q3C
	2/2-way valve, normally closed	527559	CPVSC1-M1H-D-P-Q3C
409	Colonald value with OC 4 much in connection		
	Solenoid valve with QS-4 push-in connectors 5/2-way valve, single solenoid	527560	CPVSC1-M1H-M-P-Q4
	5/2-way valve, single solenoid	527563	CPVSC1-M1H-M-F-Q4
	3/2-way valve, normally open	527561	CPVSC1-M1H-N-P-Q40
\checkmark	3/2-way valve, normally closed	527562	CPVSC1-M1H-N-P-Q4C
	2/2-way valve, normally closed	527564	CPVSC1-M1H-D-P-Q4C
	2/2-way valve, normally closed	32/304	CFV3C1-W1H-D-F-Q4C
	Plates with integrated connections		
\ .d~	Vacant position, with cover plate	527527	CPVSC1-RP-B
<i>P</i>	Supply plate M5		
	Duct 1 separate	527528	CPVSC1-SP-P-M5
	Duct 1/3/5 separate	527530	CPVSC1-SP-PRS-M5
	Without duct separation	527532	CPVSC1-SP-M5
	Completely OC Complete const		·
	Supply plate, QS-4 push-in connector	5000	CDVCC4 CD D O/
	Duct 1 separate	527529	CPVSC1-SP-P-Q4
	Duct 1/3/5 separate	527531	CPVSC1-SP-PRS-Q4
\bigvee	Without duct separation	527533	CPVSC1-SP-Q4

Ordering data – Valve	s with individual electrical connection, detenting manual override, plug at top, 24 V DC								
		Part no.	Туре						
	Solenoid valve with M5 connections								
	5/2-way valve, single solenoid	547276	CPVSC1-M1H-M-T-M5						
	5/2-way valve, double solenoid	547277	CPVSC1-M1H-J-T-M5						
	3/2-way valve, normally open	547275	CPVSC1-M1H-N-T-M50						
	3/2-way valve, normally closed	547274	CPVSC1-M1H-K-T-M5C						
	2/2-way valve, normally closed	547273	CPVSC1-M1H-D-T-M5C						
	Solenoid valve with M5 connections and LED								
	5/2-way valve, single solenoid	547306	CPVSC1-M1LH-M-T-M5						
	5/2-way valve, double solenoid	547307	CPVSC1-M1LH-J-T-M5						
	3/2-way valve, normally open	547305	CPVSC1-M1LH-N-T-M50						
	3/2-way valve, normally closed	547304	CPVSC1-M1LH-K-T-M5C						
	2/2-way valve, normally closed	547303	CPVSC1-M1LH-D-T-M5C						
	Solenoid valve with QS-3 push-in connectors	F / 7204	CDVCC4 M4H M T O2						
	5/2-way valve, single solenoid 5/2-way valve, double solenoid	547281	CPVSC1-M1H-M-T-Q3						
		547282	CPVSC1-M1H-J-T-Q3						
	3/2-way valve, normally open	547280	CPVSC1-M1H-N-T-Q30						
	3/2-way valve, normally closed	547279	CPVSC1-M1H-K-T-Q3C						
	2/2-way valve, normally closed	547278	CPVSC1-M1H-D-T-Q3C						
	Solenoid valve with QS-3 push-in connectors and LED								
	5/2-way valve, single solenoid	547311	CPVSC1-M1LH-M-T-Q3						
	5/2-way valve, double solenoid	547312	CPVSC1-M1LH-J-T-Q3						
	3/2-way valve, normally open	547310	CPVSC1-M1LH-N-T-Q30						
	3/2-way valve, normally closed	547309	CPVSC1-M1LH-K-T-Q3C						
	2/2-way valve, normally closed	547308	CPVSC1-M1LH-D-T-Q3C						
	Solenoid valve with QS-4 push-in connectors								
	5/2-way valve, single solenoid	547286	CPVSC1-M1H-M-T-Q4						
	5/2-way valve, double solenoid	547287	CPVSC1-M1H-J-T-Q4						
	3/2-way valve, normally open	547285	CPVSC1-M1H-N-T-Q40						
	3/2-way valve, normally closed	547284	CPVSC1-M1H-K-T-Q4C						
	2/2-way valve, normally closed	547283	CPVSC1-M1H-D-T-Q4C						
	Solenoid valve with QS-4 push-in connectors and LED		•						
	5/2-way valve, single solenoid	547316	CPVSC1-M1LH-M-T-Q4						
	5/2-way valve, double solenoid	547317	CPVSC1-M1LH-J-T-Q4						
	3/2-way valve, normally open	547315	CPVSC1-M1LH-N-T-Q40						
	3/2-way valve, normally closed	547314	CPVSC1-M1LH-K-T-Q4C						
	2/2-way valve, normally closed	547313	CPVSC1-M1LH-D-T-Q4C						
	-,,,, stabba	5.,,5-5							

Ordering data – Valves v	with individual electrical connection, detenting manual override, plug at rear, 24 V DC								
		Part no.	Туре						
	Solenoid valve with M5 connections								
	5/2-way valve, single solenoid	547291	CPVSC1-M1H-M-H-M5						
	5/2-way valve, double solenoid	547292	CPVSC1-M1H-J-H-M5						
	3/2-way valve, normally open	547290	CPVSC1-M1H-N-H-M50						
	3/2-way valve, normally closed	547289	CPVSC1-M1H-K-H-M5C						
	2/2-way valve, normally closed	547288	CPVSC1-M1H-D-H-M5C						
	Solenoid valve with M5 connections and LED								
	5/2-way valve, single solenoid	547322	CPVSC1-M1LH-M-H-M5						
	5/2-way valve, double solenoid	547323	CPVSC1-M1LH-J-H-M5						
	3/2-way valve, normally open	547321	CPVSC1-M1LH-N-H-M50						
	3/2-way valve, normally closed	547320	CPVSC1-M1LH-K-H-M5C						
	2/2-way valve, normally closed	547318	CPVSC1-M1LH-D-H-M5C						
	Solenoid valve with QS-3 push-in connectors								
	5/2-way valve, single solenoid	547296	CPVSC1-M1H-M-H-Q3						
	5/2-way valve, Single Solenoid	547297	CPVSC1-M1H-J-H-Q3						
	3/2-way valve, double solehold 3/2-way valve, normally open	547295	CPVSC1-M1H-N-H-Q30						
	3/2-way valve, normally closed	547294	CPVSC1-M1H-K-H-Q3C						
	2/2-way valve, normally closed	547294	CPVSC1-M1H-D-H-Q3C						
-	2/2-way valve, normally closed	547295	CFV3C1-M1n-D-n-Q3C						
	Solenoid valve with QS-3 push-in connectors and LED								
	5/2-way valve, single solenoid	547327	CPVSC1-M1LH-M-H-Q3						
	5/2-way valve, double solenoid	547328	CPVSC1-M1LH-J-H-Q3						
	3/2-way valve, normally open	547326	CPVSC1-M1LH-N-H-Q30						
	3/2-way valve, normally closed	547325	CPVSC1-M1LH-K-H-Q3C						
	2/2-way valve, normally closed	547324	CPVSC1-M1LH-D-H-Q3C						
	Solenoid valve with QS-4 push-in connectors								
	5/2-way valve, single solenoid	547301	CPVSC1-M1H-M-H-Q4						
	5/2-way valve, double solenoid	547302	CPVSC1-M1H-J-H-Q4						
	3/2-way valve, normally open	547300	CPVSC1-M1H-N-H-Q4O						
	3/2-way valve, normally closed	547299	CPVSC1-M1H-K-H-Q4C						
	2/2-way valve, normally closed	547298	CPVSC1-M1H-D-H-Q4C						
	Solenoid valve with QS-4 push-in connectors and LED								
	5/2-way valve, single solenoid	547332	CPVSC1-M1LH-M-H-Q4						
	5/2-way valve, double solenoid	547333	CPVSC1-M1LH-J-H-Q4						
	3/2-way valve, normally open	547331	CPVSC1-M1LH-N-H-Q40						
	3/2-way valve, normally closed	547330	CPVSC1-M1LH-K-H-Q4C						
	2/2-way valve, normally closed	547329	CPVSC1-M1LH-D-H-Q4C						
	2/2 114/ 14119, 10111411, 010004	54,525	or tool making it will						

		Part n	10.	Туре
	Solenoid valve with M5 connections			
	5/2-way valve, single solenoid	54	48037	CPVSC1-M1HT-M-T-M5
ì	5/2-way valve, double solenoid	54	48038	CPVSC1-M1HT-J-T-M5
3	3/2-way valve, normally open	54	48036	CPVSC1-M1HT-N-T-M5
ζ	3/2-way valve, normally closed	54	48035	CPVSC1-M1HT-K-T-M5
	2/2-way valve, normally closed	54	48034	CPVSC1-M1HT-D-T-M5
	Solenoid valve with QS-3 push-in connectors			
	5/2-way valve, single solenoid	54	48043	CPVSC1-M1HT-M-T-Q3
	5/2-way valve, double solenoid	54	48044	CPVSC1-M1HT-J-T-Q3
	3/2-way valve, normally open	54	48042	CPVSC1-M1HT-N-T-Q3
	3/2-way valve, normally closed	54	48041	CPVSC1-M1HT-K-T-Q3
	2/2-way valve, normally closed	54	48040	CPVSC1-M1HT-D-T-Q3
	Solenoid valve with QS-4 push-in connectors			
	5/2-way valve, single solenoid	54	48048	CPVSC1-M1HT-M-T-Q4
	5/2-way valve, double solenoid	54	48049	CPVSC1-M1HT-J-T-Q4
	3/2-way valve, normally open	54	48047	CPVSC1-M1HT-N-T-Q4
	3/2-way valve, normally closed	54	48046	CPVSC1-M1HT-K-T-Q4
s	2/2-way valve, normally closed swith individual electrical connection, non-detenting manual override, plug at rear,	54	48045	CPVSC1-M1HT-D-T-Q4
!S	with individual electrical connection, non-detenting manual override, plug at rear,	24 V DC	48045	CPVSC1-M1HT-D-T-Q4
:S	with individual electrical connection, non-detenting manual override, plug at rear, Solenoid valve with M5 connections	24 V DC Part n	48045 10.	CPVSC1-M1HT-D-T-Q4
	with individual electrical connection, non-detenting manual override, plug at rear, Solenoid valve with M5 connections 5/2-way valve, single solenoid	24 V DC Part n	10. 48053	Type CPVSC1-M1HT-D-T-Q4
	with individual electrical connection, non-detenting manual override, plug at rear, Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid	24 V DC Part n	48045 10. 48053 48054	Type CPVSC1-M1HT-M-H-M CPVSC1-M1HT-M-H-M
	with individual electrical connection, non-detenting manual override, plug at rear, Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open	24 V DC Part n 54 54 54 54	48045 48053 48054 48052	Type CPVSC1-M1HT-M-H-M CPVSC1-M1HT-M-H-M CPVSC1-M1HT-J-H-M!
	with individual electrical connection, non-detenting manual override, plug at rear, Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid	24 V DC Part n 54 54 54 54 54	48045 10. 48053 48054	CPVSC1-M1HT-D-T-Q4
	with individual electrical connection, non-detenting manual override, plug at rear, Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed	24 V DC Part n 54 54 54 54 54	48045 48053 48054 48052 48051	Type CPVSC1-M1HT-D-T-Q4 Type CPVSC1-M1HT-M-H-M CPVSC1-M1HT-J-H-M5 CPVSC1-M1HT-N-H-M CPVSC1-M1HT-N-H-M
w	ith individual electrical connection, non-detenting manual override, plug at rear, Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed	24 V DC Part n 54 54 54 54 54	48045 48053 48054 48052 48051	Type CPVSC1-M1HT-D-T-Q4 Type CPVSC1-M1HT-M-H-M CPVSC1-M1HT-J-H-M CPVSC1-M1HT-N-H-M CPVSC1-M1HT-K-H-M CPVSC1-M1HT-D-H-M
	Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors	24 V DC Part n 54 54 54 54 54	48053 48053 48054 48052 48051 48050	Type CPVSC1-M1HT-D-T-Q4 Type CPVSC1-M1HT-M-H-M CPVSC1-M1HT-J-H-M CPVSC1-M1HT-N-H-M CPVSC1-M1HT-D-H-M
	with individual electrical connection, non-detenting manual override, plug at rear, Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, single solenoid	24 V DC Part n 54 54 54 54 54 54 54	48053 48053 48054 48052 48051 48050	Type CPVSC1-M1HT-M-H-M CPVSC1-M1HT-M-H-M CPVSC1-M1HT-N-H-M CPVSC1-M1HT-N-H-M CPVSC1-M1HT-D-H-M CPVSC1-M1HT-D-H-M
	with individual electrical connection, non-detenting manual override, plug at rear, Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, single solenoid 5/2-way valve, double solenoid	24 V DC Part n 54 54 54 54 54 54 54 54	48053 48053 48054 48052 48051 48050 48058	Type CPVSC1-M1HT-D-T-Q4 Type CPVSC1-M1HT-M-H-M CPVSC1-M1HT-J-H-M5 CPVSC1-M1HT-N-H-M CPVSC1-M1HT-D-H-M CPVSC1-M1HT-D-H-M CPVSC1-M1HT-M-H-Q CPVSC1-M1HT-M-H-Q CPVSC1-M1HT-M-H-Q
5	Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, single solenoid 5/2-way valve, open 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open	54 V DC Part n 54 54 54 54 54 54 54 54 54	48053 48053 48054 48052 48051 48050 48058 48059 48057	Type CPVSC1-M1HT-D-T-Q4 Type CPVSC1-M1HT-M-H-M CPVSC1-M1HT-N-H-M CPVSC1-M1HT-N-H-M CPVSC1-M1HT-D-H-M CPVSC1-M1HT-D-H-M CPVSC1-M1HT-M-H-Q CPVSC1-M1HT-N-H-Q CPVSC1-M1HT-N-H-Q CPVSC1-M1HT-N-H-Q
5	Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, single solenoid 5/2-way valve, open 3/2-way valve, normally closed	54 V DC Part n 54 54 54 54 54 54 54 54 54	48053 48053 48054 48052 48051 48050 48058 48059 48057 48056	Type CPVSC1-M1HT-D-T-Q4 Type CPVSC1-M1HT-M-H-M CPVSC1-M1HT-J-H-M5 CPVSC1-M1HT-N-H-M CPVSC1-M1HT-N-H-M
s	Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, normally closed 3/2-way valve, normally closed 2/2-way valve, single solenoid 3/2-way valve, normally closed 3/2-way valve, normally closed 3/2-way valve, normally closed 2/2-way valve, normally closed	54 V DC Part n 54 54 54 54 54 54 54 54 54 5	48053 48053 48054 48052 48051 48050 48058 48059 48057 48056	Type CPVSC1-M1HT-D-T-Q4 Type CPVSC1-M1HT-M-H-M CPVSC1-M1HT-N-H-M CPVSC1-M1HT-N-H-M CPVSC1-M1HT-D-H-M CPVSC1-M1HT-D-H-M CPVSC1-M1HT-M-H-Q CPVSC1-M1HT-N-H-Q CPVSC1-M1HT-N-H-Q CPVSC1-M1HT-N-H-Q
	with individual electrical connection, non-detenting manual override, plug at rear, Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with Q5-3 push-in connectors 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with Q5-4 push-in connectors	54 V DC Part n 54 54 54 54 54 54 54 54 54 5	48045 48053 48054 48052 48051 48050 48058 48059 48057 48056 48055	Type CPVSC1-M1HT-D-T-Q4 Type CPVSC1-M1HT-M-H-N CPVSC1-M1HT-N-H-M CPVSC1-M1HT-N-H-M CPVSC1-M1HT-M-H-Q CPVSC1-M1HT-M-H-Q CPVSC1-M1HT-N-H-Q CPVSC1-M1HT-N-H-Q CPVSC1-M1HT-N-H-Q CPVSC1-M1HT-N-H-Q
	with individual electrical connection, non-detenting manual override, plug at rear, Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, single solenoid 3/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-4 push-in connectors 5/2-way valve, single solenoid	54 V DC Part n 54 54 54 54 54 54 54 54 54 5	48045 48053 48054 48052 48051 48050 48058 48059 48057 48056 48063	Type CPVSC1-M1HT-M-H-N CPVSC1-M1HT-N-H-M CPVSC1-M1HT-N-H-M CPVSC1-M1HT-N-H-M CPVSC1-M1HT-M-H-Q CPVSC1-M1HT-M-H-Q CPVSC1-M1HT-N-H-Q CPVSC1-M1HT-N-H-Q CPVSC1-M1HT-N-H-Q CPVSC1-M1HT-N-H-Q CPVSC1-M1HT-N-H-Q CPVSC1-M1HT-N-H-Q
	Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, normally closed 5/2-way valve, normally open 3/2-way valve, normally open 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed 2/2-way valve, normally closed 2/2-way valve, normally closed 5/2-way valve, normally closed 5/2-way valve, single solenoid 5/2-way valve, single solenoid 5/2-way valve, single solenoid 5/2-way valve, double solenoid	54 V DC Part n 54 54 54 54 54 54 54 54 54 5	48045 48053 48054 48052 48051 48050 48058 48059 48057 48056 48063 48063	Type CPVSC1-M1HT-M-H-N CPVSC1-M1HT-N-H-M CPVSC1-M1HT-N-H-M CPVSC1-M1HT-N-H-M CPVSC1-M1HT-N-H-Q CPVSC1-M1HT-M-H-Q CPVSC1-M1HT-N-H-Q CPVSC1-M1HT-N-H-Q CPVSC1-M1HT-N-H-Q CPVSC1-M1HT-N-H-Q CPVSC1-M1HT-N-H-Q CPVSC1-M1HT-N-H-Q CPVSC1-M1HT-N-H-Q CPVSC1-M1HT-N-H-Q

		Part no.	Туре
	Solenoid valve with M5 connections		
	5/2-way valve, single solenoid	547367	CPVSC1-M5H-M-T-M5
	5/2-way valve, double solenoid	547368	CPVSC1-M5H-J-T-M5
)	3/2-way valve, normally open	547366	CPVSC1-M5H-N-T-M5
, λ	3/2-way valve, normally closed	547365	CPVSC1-M5H-K-T-M5
	2/2-way valve, normally closed	547364	CPVSC1-M5H-D-T-M5
	Solenoid valve with QS-3 push-in connectors		
	5/2-way valve, single solenoid	547372	CPVSC1-M5H-M-T-Q3
	5/2-way valve, double solenoid	547373	CPVSC1-M5H-J-T-Q3
	3/2-way valve, normally open	547371	CPVSC1-M5H-N-T-Q3
	3/2-way valve, normally closed	547370	CPVSC1-M5H-K-T-Q3
	2/2-way valve, normally closed	547369	CPVSC1-M5H-D-T-Q3
	Solenoid valve with QS-4 push-in connectors		
	5/2-way valve, single solenoid	547377	CPVSC1-M5H-M-T-Q4
	5/2-way valve, double solenoid	547378	CPVSC1-M5H-J-T-Q4
	3/2-way valve, normally open	547376	CPVSC1-M5H-N-T-Q4
	3/2-way valve, normally closed	547375	CPVSC1-M5H-K-T-Q4
s	2/2-way valve, normally closed with individual electrical connection, non-detenting manual override, plug at rea	547374 Part no.	CPVSC1-M5H-D-T-Q4
es	with individual electrical connection, non-detenting manual override, plug at rea	547374 Part no.	CPVSC1-M5H-D-T-Q4
es	with individual electrical connection, non-detenting manual override, plug at rea	Part no.	Туре
s	with individual electrical connection, non-detenting manual override, plug at rea Solenoid valve with M5 connections 5/2-way valve, single solenoid	Part no. 547382	Type CPVSC1-M5H-M-H-N
;	with individual electrical connection, non-detenting manual override, plug at rea Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid	Part no. 547382 547383	Type CPVSC1-M5H-M-H-M CPVSC1-M5H-J-H-M5
5	swith individual electrical connection, non-detenting manual override, plug at rea Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open	Part no. 547382 547383 547381	Type CPVSC1-M5H-M-H-M CPVSC1-M5H-J-H-M5 CPVSC1-M5H-N-H-M
es	with individual electrical connection, non-detenting manual override, plug at rea Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid	Part no. 547382 547383	Type CPVSC1-M5H-M-H-M CPVSC1-M5H-J-H-M5 CPVSC1-M5H-N-H-M CPVSC1-M5H-K-H-M5
S	Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed	Part no. 547382 547383 547381 547380	Type CPVSC1-M5H-M-H-M CPVSC1-M5H-J-H-M5 CPVSC1-M5H-N-H-M CPVSC1-M5H-K-H-M5
s	Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors	Part no. 547382 547383 547381 547380 547379	Type CPVSC1-M5H-M-H-M CPVSC1-M5H-J-H-M: CPVSC1-M5H-N-H-M CPVSC1-M5H-K-H-M CPVSC1-M5H-D-H-M
S	Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed 5/2-way valve, normally closed 5/2-way valve, normally closed	Part no. 547382 547383 547381 547380 547379	Type CPVSC1-M5H-M-H-M CPVSC1-M5H-J-H-M: CPVSC1-M5H-N-H-M CPVSC1-M5H-CH-M CPVSC1-M5H-D-H-M
•	Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, single solenoid 5/2-way valve, oduble solenoid 5/2-way valve, single solenoid	Part no. 547382 547383 547381 547380 547379 547387	Type CPVSC1-M5H-M-H-M CPVSC1-M5H-J-H-M CPVSC1-M5H-N-H-M CPVSC1-M5H-D-H-M CPVSC1-M5H-D-H-M CPVSC1-M5H-M-H-Q CPVSC1-M5H-J-H-Q3
5	Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, single solenoid 5/2-way valve, normally closed	Part no. 547382 547383 547381 547380 547379 547387 547388 547386	Type CPVSC1-M5H-M-H-M CPVSC1-M5H-J-H-M! CPVSC1-M5H-N-H-M CPVSC1-M5H-D-H-M CPVSC1-M5H-D-H-M CPVSC1-M5H-M-H-Q CPVSC1-M5H-J-H-Q3 CPVSC1-M5H-N-H-Q
	with individual electrical connection, non-detenting manual override, plug at rea Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed	Part no. 547382 547383 547381 547380 547379 547387 547388 547386 547385	CPVSC1-M5H-M-H-M CPVSC1-M5H-J-H-M5 CPVSC1-M5H-N-H-M CPVSC1-M5H-D-H-M CPVSC1-M5H-M-H-Q CPVSC1-M5H-M-H-Q CPVSC1-M5H-N-H-Q3 CPVSC1-M5H-N-H-Q3 CPVSC1-M5H-N-H-Q3
es	Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, single solenoid 5/2-way valve, normally closed	Part no. 547382 547383 547381 547380 547379 547387 547388 547386	Type CPVSC1-M5H-M-H-M CPVSC1-M5H-J-H-M5 CPVSC1-M5H-N-H-M CPVSC1-M5H-D-H-M CPVSC1-M5H-D-H-Q CPVSC1-M5H-M-H-Q CPVSC1-M5H-N-H-Q3 CPVSC1-M5H-N-H-Q3
es	Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, single solenoid 3/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, normally closed 3/2-way valve, normally closed 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-4 push-in connectors	Part no. 547382 547383 547381 547380 547379 547387 547388 547386 547384	Type CPVSC1-M5H-M-H-M CPVSC1-M5H-N-H-M CPVSC1-M5H-N-H-M CPVSC1-M5H-D-H-M CPVSC1-M5H-M-H-Q CPVSC1-M5H-M-H-Q CPVSC1-M5H-N-H-Q CPVSC1-M5H-N-H-Q CPVSC1-M5H-N-H-Q CPVSC1-M5H-D-H-Q
es	Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, single solenoid 3/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, normally closed 3/2-way valve, normally closed 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-4 push-in connectors 5/2-way valve, single solenoid	Part no. 547382 547383 547381 547380 547379 547387 547388 547386 547385 547384	Type CPVSC1-M5H-M-H-M CPVSC1-M5H-N-H-M CPVSC1-M5H-N-H-M CPVSC1-M5H-D-H-M CPVSC1-M5H-M-H-Q CPVSC1-M5H-N-H-Q CPVSC1-M5H-N-H-Q CPVSC1-M5H-N-H-Q CPVSC1-M5H-D-H-Q CPVSC1-M5H-N-H-Q
S	Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, single solenoid 3/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, normally closed 3/2-way valve, normally closed 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-4 push-in connectors	Part no. 547382 547383 547381 547380 547379 547387 547388 547386 547384	Type CPVSC1-M5H-M-H-M CPVSC1-M5H-N-H-M CPVSC1-M5H-N-H-M CPVSC1-M5H-D-H-M CPVSC1-M5H-M-H-Q CPVSC1-M5H-M-H-Q CPVSC1-M5H-N-H-Q CPVSC1-M5H-N-H-Q CPVSC1-M5H-N-H-Q CPVSC1-M5H-D-H-Q
5	Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, single solenoid 3/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, normally closed 3/2-way valve, normally closed 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-4 push-in connectors 5/2-way valve, single solenoid	Part no. 547382 547383 547381 547380 547379 547387 547388 547386 547385 547384	Type CPVSC1-M5H-M-H-N CPVSC1-M5H-N-H-M CPVSC1-M5H-N-H-M CPVSC1-M5H-M-H-Q CPVSC1-M5H-M-H-Q CPVSC1-M5H-N-H-Q CPVSC1-M5H-N-H-Q CPVSC1-M5H-N-H-Q CPVSC1-M5H-D-H-Q
	Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, single solenoid 3/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, single solenoid 3/2-way valve, normally closed 2/2-way valve, normally closed 2/2-way valve, normally closed 2/2-way valve, normally closed 5/2-way valve, normally closed 5/2-way valve, single solenoid 5/2-way valve, single solenoid 5/2-way valve, double solenoid 5/2-way valve, double solenoid	Part no. 547382 547383 547381 547380 547379 547387 547388 547386 547384 547392 547393	Type CPVSC1-M5H-M-H-N CPVSC1-M5H-N-H-M CPVSC1-M5H-N-H-M CPVSC1-M5H-M-H-Q CPVSC1-M5H-M-H-Q CPVSC1-M5H-M-H-Q CPVSC1-M5H-N-H-Q CPVSC1-M5H-N-H-Q CPVSC1-M5H-D-H-Q CPVSC1-M5H-M-H-Q CPVSC1-M5H-M-H-Q CPVSC1-M5H-M-H-Q

CPVSC1-M4H-M-H-Q4

CPVSC1-M4H-J-H-Q4

CPVSC1-M4H-N-H-Q40 CPVSC1-M4H-K-H-Q4C

CPVSC1-M4H-D-H-Q4C

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Accessories

		Part no.	1	Туре
	Solenoid valve with M5 connections			
	5/2-way valve, single solenoid	54733	37 (CPVSC1-M4H-M-T-M5
\supset	5/2-way valve, double solenoid	54733	38 (CPVSC1-M4H-J-T-M5
	3/2-way valve, normally open	54733	36 (CPVSC1-M4H-N-T-M50
9	3/2-way valve, normally closed	54733	35 (CPVSC1-M4H-K-T-M5C
0	2/2-way valve, normally closed	54733	34 (CPVSC1-M4H-D-T-M5C
/	Solenoid valve with QS-3 push-in connectors			
	5/2-way valve, single solenoid	54734	42 (CPVSC1-M4H-M-T-Q3
	5/2-way valve, double solenoid	54734	43 (CPVSC1-M4H-J-T-Q3
	3/2-way valve, normally open	54734	¥1 (CPVSC1-M4H-N-T-Q30
	3/2-way valve, normally closed	54734	40 (CPVSC1-M4H-K-T-Q3C
	2/2-way valve, normally closed	54733	39 (CPVSC1-M4H-D-T-Q3C
	Solenoid valve with QS-4 push-in connectors			
	5/2-way valve, single solenoid	54734	47 (CPVSC1-M4H-M-T-Q4
	5/2-way valve, double solenoid	54734	48 (CPVSC1-M4H-J-T-Q4
	3/2-way valve, normally open	54734	46 (CPVSC1-M4H-N-T-Q40
	3/2-way valve, normally closed	54734	45 (CPVSC1-M4H-K-T-Q4C
	3/2-way valve, normally closed 2/2-way valve, normally closed	54734 54734		
	2/2-way valve, normally closed	54734		CPVSC1-M4H-K-T-Q4C CPVSC1-M4H-D-T-Q4C
Valve	. , , , ,	54734 g at rear, 5 V DC	44 (CPVSC1-M4H-D-T-Q4C
Valve	2/2-way valve, normally closed es with individual electrical connection, non-detenting manual override, plus	54734	44 (<u> </u>
Valve	2/2-way valve, normally closed es with individual electrical connection, non-detenting manual override, plus Solenoid valve with M5 connections	54734 e at rear, 5 V DC	14	CPVSC1-M4H-D-T-Q4C
Valve	2/2-way valve, normally closed es with individual electrical connection, non-detenting manual override, plus Solenoid valve with M5 connections 5/2-way valve, single solenoid	54734 e at rear, 5 V DC Part no.	52 (CPVSC1-M4H-D-T-Q4C Type CPVSC1-M4H-M-H-M5
Valve	2/2-way valve, normally closed es with individual electrical connection, non-detenting manual override, plus Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid	54734 e at rear, 5 V DC Part no. 54735 54735	52 (53 (53	CPVSC1-M4H-D-T-Q4C Type CPVSC1-M4H-M-H-M5 CPVSC1-M4H-J-H-M5
Valve	2/2-way valve, normally closed es with individual electrical connection, non-detenting manual override, plus Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open	54734 e at rear, 5 V DC Part no. 54731 54732 54732	52 (53 (51 (51 (51 (51 (51 (51 (51 (51 (51 (51	CPVSC1-M4H-D-T-Q4C Type CPVSC1-M4H-M-H-M5 CPVSC1-M4H-J-H-M5 CPVSC1-M4H-N-H-M5
Valve	2/2-way valve, normally closed es with individual electrical connection, non-detenting manual override, plug Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed	54734 e at rear, 5 V DC Part no. 54734 54734 54735 54735	52 (653 (655) (650	CPVSC1-M4H-D-T-Q4C Type CPVSC1-M4H-M-H-M5 CPVSC1-M4H-J-H-M5 CPVSC1-M4H-N-H-M5 CPVSC1-M4H-K-H-M5
Valve	2/2-way valve, normally closed es with individual electrical connection, non-detenting manual override, plus Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed	54734 e at rear, 5 V DC Part no. 54731 54732 54732	52 (653 (655) (650	CPVSC1-M4H-D-T-Q4C Type CPVSC1-M4H-M-H-M5 CPVSC1-M4H-J-H-M5 CPVSC1-M4H-N-H-M5 CPVSC1-M4H-K-H-M5
Valve	2/2-way valve, normally closed es with individual electrical connection, non-detenting manual override, plus Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors	54734 g at rear, 5 V DC Part no. 54739 54739 54739 54739	552 (653 (651 (650 (649 (649 (649 (649 (649 (649 (649 (649	CPVSC1-M4H-D-T-Q4C Type CPVSC1-M4H-M-H-M5 CPVSC1-M4H-J-H-M5 CPVSC1-M4H-N-H-M5 CPVSC1-M4H-D-H-M5
Valve	2/2-way valve, normally closed es with individual electrical connection, non-detenting manual override, plus Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, single solenoid	54734 g at rear, 5 V DC Part no. 54739 54739 54739 54739 54739	552 (653 (656 (656 (656 (656 (656 (656 (656	Type CPVSC1-M4H-D-T-Q4C Type CPVSC1-M4H-M-H-M5 CPVSC1-M4H-J-H-M5 CPVSC1-M4H-N-H-M5 CPVSC1-M4H-D-H-M5 CPVSC1-M4H-D-H-M5
Valve	2/2-way valve, normally closed es with individual electrical connection, non-detenting manual override, plus Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, single solenoid 5/2-way valve, double solenoid	54734 g at rear, 5 V DC Part no. 54739 54739 54734 54734 54734 54735	552 (6 553 (6 551 (6 550 (6 557 (6 557 (6 558 (6	Type CPVSC1-M4H-D-T-Q4C Type CPVSC1-M4H-M-H-M5 CPVSC1-M4H-J-H-M5 CPVSC1-M4H-D-H-M5 CPVSC1-M4H-D-H-M5 CPVSC1-M4H-D-H-M5 CPVSC1-M4H-M-H-Q3 CPVSC1-M4H-J-H-Q3
Valve	2/2-way valve, normally closed swith individual electrical connection, non-detenting manual override, plus Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open	54734 g at rear, 5 V DC Part no. 54739 54739 54734 54734 54739 54739 54739 54739 54739	552 (653 (656 (656 (656 (656 (656 (656 (656	Type CPVSC1-M4H-D-T-Q4C Type CPVSC1-M4H-M-H-M5 CPVSC1-M4H-N-H-M5 CPVSC1-M4H-D-H-M5 CPVSC1-M4H-D-H-M5 CPVSC1-M4H-M-H-Q3 CPVSC1-M4H-N-H-Q3 CPVSC1-M4H-N-H-Q3 CPVSC1-M4H-N-H-Q3
Valve	2/2-way valve, normally closed es with individual electrical connection, non-detenting manual override, plus Solenoid valve with M5 connections 5/2-way valve, single solenoid 5/2-way valve, double solenoid 3/2-way valve, normally open 3/2-way valve, normally closed 2/2-way valve, normally closed Solenoid valve with QS-3 push-in connectors 5/2-way valve, single solenoid 5/2-way valve, double solenoid	54734 g at rear, 5 V DC Part no. 54739 54739 54734 54734 54734 54735	552 (655 (655 (655 (655 (655 (655 (655 (Type CPVSC1-M4H-M-H-M5 CPVSC1-M4H-M-H-M5 CPVSC1-M4H-N-H-M5 CPVSC1-M4H-D-H-M5 CPVSC1-M4H-D-H-M5

5/2-way valve, single solenoid

5/2-way valve, double solenoid

3/2-way valve, normally closed

2/2-way valve, normally closed

3/2-way valve, normally open

Ordering data – Valves	without pilot control				Dart no	Time
	Valve with M5 connection	c			Part no.	Туре
					548901	CPVSC1-M-M5
	5/2-way valve, single solen 5/2-way valve, double sole				548902	CPVSC1-J-M5
	3/2-way valve, normally op				548902	CPVSC1-J-M50
	3/2-way valve, normally op				548900	
	2/2-way valve, normally closed					CPVSC1-K-M5C
	2/2-way valve, normally clo	osea			548898	CPVSC1-D-M5C
	Valve with push-in connec					
	5/2-way valve, single solen				548906	CPVSC1-M-QX
	5/2-way valve, double sole				548907	CPVSC1-J-QX
	3/2-way valve, normally op				548905	CPVSC1-N-QXO
	3/2-way valve, normally clo				548904	CPVSC1-K-QXC
	2/2-way valve, normally clo	sed			548903	CPVSC1-D-QXC
Ordering data – Accesso	ories				Part no.	Туре
Pilot control	1.	1 .				Data sheets → Internet: mh1
	3/2-way solenoid valve,	Plug connection at	5 V DC	-	197000	MHA1-M4H-3/2G-0.6-HC
	normally closed	rear	12 V DC	-	197001	MHA1-M5H-3/2G-0.6-HC
10			24 V DC	With signal status indication	540443	MHA1-M1LH-3/2G-0.6-HC
~				-	197002	MHA1-M1H-3/2G-0.6-HC
(P)		Plug connection on	5 V DC	-	197003	MHA1-M4H-3/2G-0.6-TC
		top	12 V DC	-	197004	MHA1-M5H-3/2G-0.6-TC
			24 V DC	With signal status indication	540444	MHA1-M1LH-3/2G-0.6-TC
				-	197005	MHA1-M1H-3/2G-0.6-TC
CP interface				-		
Individual electrical cor	nnection					
20	Plug socket with cable, IP4	0		0.5 m	566654	NEBV-H1G2-KN-0.5-N-LE2
	riag societ mai caste, ii 4	•		1 m	566655	NEBV-H1G2-KN-1-N-LE2
				2.5 m	566656	NEBV-H1G2-KN-2.5-N-LE2
				5 m	566657	NEBV-H1G2-KN-5-N-LE2
				15	, ,	
Connecting cable to IP4	0 for multi-pin plug connecti			T		
	Sub-D, 15-pin, up to 12 va	lve positions		2.5 m	527543	KMP6-15P-12-2.5
	for code MS			5 m	527544	KMP6-15P-12-5
	Material: PVC			10 m	527545	KMP6-15P-12-10
	Sub-D, 26-pin, up to 16 va	lve positions		2.5 m	527546	KMP6-26P-16-2.5
	for code MH Material: PVC			5 m	527547	KMP6-26P-16-5
	Material: PVC			10 m	527548	KMP6-26P-16-10
Cover for manual overri	de					
	Non-detenting, with coded	cover cap		Pack of 10	540897	VMPA-HBT-B
	Covered, manual override b	olocked		Pack of 10	540898	VMPA-HBV-B
	Detenting, manually operat	ted without accessories		Pack of 10	8002234	VAMC-L1-CD
Inscription labels for va	lve identification					•
постірної labels for va	9x4.5 mm			Pack of 80	197259	MH-BZ-80x

Ordering data – Access	ories		l Dant and	l T
lua animai an lah al halda		-	Part no.	Туре
Inscription label holde	Pack of 1	For 2 valve positions	547395	CPVSC1-ST-2
	TACK OF 1	For 3 valve positions	547396	CPVSC1-ST-3
		For 4 valve positions	527631	CPVSC1-ST-4
		For 5 valve positions	547397	CPVSC1-ST-5
		For 6 valve positions	547398	CPVSC1-ST-6
		For 7 valve positions	547399	CPVSC1-ST-7
		For 8 valve positions	527633	CPVSC1-ST-8
		For 9 valve positions	547400	CPVSC1-ST-9
		For 10 valve positions	547401	CPVSC1-ST-10
		For 11 valve positions	547402	CPVSC1-ST-11
		For 12 valve positions	527635	CPVSC1-ST-12
		For 13 valve positions	547403	CPVSC1-ST-13
		For 14 valve positions	547404	CPVSC1-ST-14
		For 15 valve positions	547405	CPVSC1-ST-15
		For 16 valve positions	527637	CPVSC1-ST-16
		101 10 14110 001110110	32,03,	
Tie rod	Dark of 4	Fau 2 makes and 100 m		CDVCC4 7A 2
	Pack of 1	For 2 valve positions	547416	CPVSC1-ZA-2
		For 3 valve positions	547417	CPVSC1-ZA-3
		For 4 valve positions	532807	CPVSC1-ZA-4
•		For 5 valve positions	547418	CPVSC1-ZA-5
		For 6 valve positions	547419	CPVSC1-ZA-6
		For 7 valve positions	547420	CPVSC1-ZA-7
		For 8 valve positions	532808	CPVSC1-ZA-8
		For 9 valve positions	547421	CPVSC1-ZA-9
		For 10 valve positions	547422	CPVSC1-ZA-10
		For 11 valve positions	547423	CPVSC1-ZA-11
		For 12 valve positions	532809	CPVSC1-ZA-12
		For 13 valve positions	547424	CPVSC1-ZA-13
		For 14 valve positions	547425	CPVSC1-ZA-14
		For 15 valve positions	547426	CPVSC1-ZA-15
		For 16 valve positions	532810	CPVSC1-ZA-16
Mounting				
0/	Screw for additional terminal mounting		527643	M3x45
	Mounting		527639	CPVSC-HS35
User documentation				
OSEI UUCUIIIEIILALIUII	User documentation – Pneumatics, valve terminal CPV-SC	German	530925	P.BE-CPVSC-DE
	ossi assumentation - i neumatics, valve terminat ci visc	English	530926	P.BE-CPVSC-EN
		French	530927	P.BE-CPVSC-FR
		Spanish	530927	P.BE-CPVSC-ES
~		Italian	530928	P.BE-CPVSC-IT
		italiali	220223	r.bt-Crv3C-II