

AS-interface® components

CPV valve terminals

FESTO

Types of valve terminal with AS-interface									
Code	Type	Valve slices	Solenoid coils	Inputs (M8 connection)	Auxiliary power supply		Size		
					With	Without	CPV10	CPV14	CPV18
AZ	CPV1x-GE-ASI-2-Z	2	4	—	■	—	■	■	■
AZ	CPV18-GE-ASI-4-Z	4	4	—	■	—	—	—	■
AE/AO	CPV1x-GE-ASI-4E4A (-Z)	4	4	4	■	■	■	■	—
AE	CPV1x-GE-ASI-8E8A-Z	8	8	8	■	—	■	■	—
BE	CPV1x-GE-ASI-4E3A (-Z)	4	3	4	■	—	■	■	—
BE	CPV1x-GE-ASI-8E6A-Z	8	6	8	■	—	■	■	—
CE	CPV1x-GE-ASI-4E4A-Z-M8-CE	4	4	4	■	—	■	■	—
CE	CPV1x-GE-ASI-8E8A-Z-M8-CE	8	8	8	■	—	■	■	—

1) The load voltage (auxiliary power supply via the black cable) can be connected/disconnected separately.

Permissible combinations in valve position allocation								
Type	Slave n				Slave n+1			
	0	1	2	3	4	5	6	7
CPV1x-GE-ASI-2-Z	M	M						
	J	M						
	M	J						
	J	J						
CPV18-GE-ASI-4-Z	M	M	M	M				
CPV1x-GE-ASI-4E4A (-Z)	M	M	M	M				
CPV10-GE-ASI-4A (-Z)	J	Vacant position	M	M				
CPV14-GE-ASI-4A (-Z)	M	M	J	Vacant position				
	J	Vacant position	J	Vacant position				
CPV1x-GE-ASI-4E3A -Z ¹⁾	M	M	M	Vacant position				
	J	Vacant position	M	Vacant position				
CPV1x-GE-ASI-8E8A-Z ¹⁾	M	M	M	M	M	M	M	M
CPV1x-GE-ASI-8E8A-Z-CE ¹⁾	J	Vacant position	M	M	M	M	M	M
	M	M	J	Vacant position	M	M	M	M
	J	Vacant position	J	Vacant position	M	M	M	M
	...	...	...	...	...	...	...	...
	M	M	M	M	M	M	M	M
	M	M	M	M	J	Vacant position	M	M
	M	M	M	M	M	M	J	Vacant position
	M	M	M	M	J	Vacant position	J	Vacant position
CPV1x-GE-ASI-8E6A-Z ¹⁾	M	M	M	Vacant position	M	M	M	Vacant position
	M	M	M	Vacant position	J	Vacant position	M	Vacant position
	J	Vacant position	M	Vacant position	M	M	M	Vacant position
	J	Vacant position	M	Vacant position	J	Vacant position	M	Vacant position

- 1) - Valve slices with 2 outputs must be configured at positions 0, 2, 4, 6 (or positions 0, 4 with A/B mode).
 - Valve slices with 2 outputs always have a vacant position.
 - Slaves n and n+1 can be configured independently of one another. This gives a total of 16 different configuration options.
- M Valve slice with single solenoid valve or a different valve slice with an output.
 J Valve slice with double solenoid valve or a different valve slice with two outputs.