

Solenoid Valve CPV10-M1H-5LS-M7-B-EX - Festo 550696

Item no. FES-550696

Manufacturer Festo

EAN 4052568192457

Festo valve for fast, reliable control of compressed-air direction and flow.

TECHNICAL DATA

Actuation type	Electrical
Betriebsdruck max [bar]	10.000000
Corrosion resistance class CRC	2 - moderate corrosion stress
Design	Piston pusher
Dichtmaterial	HNBR, NBR
Durchfluss [l/min]	400
Funktion	5/2 monostable
HS-Code	84812090
Material	Aluminium
Medium	Compressed air
Mounting position	arbitrary
Nennweite DN [mm]	4
Operating conditions	ISO 8573-1
Protection rating	IP50
Series	CPV10
Temperature (max.)	50
Weight	0.07 kg



STANDARDS & COMPLIANCE

ISO 8573-1:2010

DESCRIPTION

Festo valve for fast, reliable control of compressed-air direction and flow. The key technical data of this genuine Festo article are listed below.

Valve function	5/2 monostable
Actuation type	Electrical
Valve size [mm]	10
Normal nominal flow [l/min]	400
Operating pressure [bar]	0 to 10
Construction set up	Piston pusher
Reset mode	Pneumatic spring
Protection category	IP50

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Nominal width [mm]	4
Exhaust function	Cannot be throttled
Sealing principle	Soft
installation position	arbitrary
Hand assist actuation	Ratcheting tentative
Control type	pilot operated
Control air supply	external Internal
Flow direction	Not reversible
Überdeckung	positive Überdeckung
Control pressure [bar]	3 to 8
b-value	0.4
C-value [l/sbar]	1,60
Shifting time off [ms]	40
Shifting time on [ms]	17,0
Power-on time	100 % mit Haltestromabsenkung
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Information about operating and control medium	Oiled operation possible (required in further operations)
Corrosion resistant class KBK	2 - moderate corrosion stress
Bearing temperature [°C]	-20 to 40
Medium temperature [°C]	-5 to 50
ambient temperature [°C]	-5 to 50
Product weight [g]	70
Fastening type	With throughway bores
Support air control connection 12/14	Hunt group
Exhaust control connection 82/84	Hunt group
Pneumatic connection 1	Hunt group
Pneumatic connection 2	M7
Pneumatic connection 3/5 combined	Hunt group
Pneumatic connection 4	M7
Material information	RoHs compliant
Seals material	HNBR NBR
Housing material	POM PPS Aluminium die casting brass Steel
Pneumatic connection 11	Hunt group
Required power input [A]	0,016
Max. input power	0,76 W

Max. input voltage [V]	32
Max. input current [A]	0,2
Effective inductivity	Negligibly small
Effective capacity	Negligibly small