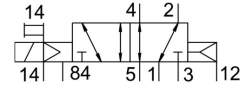


Basic valve CPE18-P1-5LS-1/4

Part number: 550154

FESTO



Data sheet

Feature	Value
Valve function	5/2, monostable
Maritime classification	See certificate
Lap	Overlap
Actuation type	Via ISO 15218 pilot control interface
Width	18 mm
Standard nominal flow rate	1500 l/min
Pneumatic working port	G1/4
Operating pressure	-0.9 bar ... 10 bar
Design	Piston gate valve
Reset method	Pneumatic spring
Nominal width	8 mm
Type code	CPE18
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Manual override	Non-detenting
Type of control	Pilot-controlled
Pilot air supply port	External
Flow direction	Reversible
Symbol	00991026
Valve position ID	Label holder
Pilot pressure	2.5 bar ... 10 bar
Switching time off	32 ms
On switching time	30 ms
Duty cycle	100%
Max. positive test pulse with 0 signal	3300 µs
Max. negative test pulse on 1 signal	3100 µs
Permissible voltage fluctuations	-15 % / +10 %
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Temperature of medium	-5 °C ... 50 °C
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]

Feature	Value
Ambient temperature	-5 °C ... 50 °C
Product weight	180 g
Type of mounting	With through-hole
Pilot exhaust air port 82	M5
Pilot exhaust air port 84	M5
Pilot air port 12	M5
Pilot air port 14	M5
Pneumatic connection 1	G1/4
Pneumatic connection 2	G1/4
Pneumatic connection 3	G1/4
Pneumatic connection 4	G1/4
Pneumatic connection 5	G1/4
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum