

Basic Valve CPE18-P1-5/3ES-1/4 - Festo 550160

Item no. FES-550160

Manufacturer Festo

EAN 4052568192013

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

TECHNICAL DATA

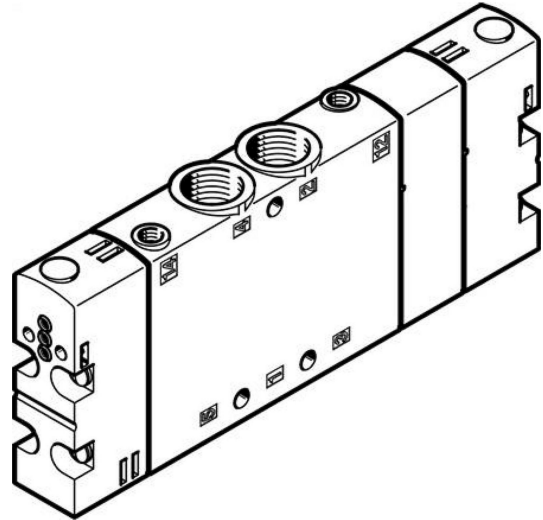
Betriebsdruck max [bar] 10.000000

HS-Code 84812090

Pneumatischer Anschluss G1/4

Weight 0.24 kg

Werkstoff Aluminium



STANDARDS & COMPLIANCE

ISO 15218 ISO 8573-1:2010 EN 60068-2-6 EN 60068-2-27

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	5/3 vented
Actuation type	Via ISO 15218 pre-control interface
Build.width [mm]	18
Normal nominal flow [l/min]	1.200
Operating pressure [bar]	-0.9 to 10
Construction set up	Piston pusher
Reset mode	Mechanical spring
Maritime classification	see Certificate
Nominal width [mm]	8
Sealing principle	Soft
installation position	arbitrary

Hand assist actuation	tentative
Control type	pilot operated
Control air supply	external
Flow direction	Reversible
Valve space - labelling	Sign carrier
Überdeckung	positive Überdeckung
Shifting time off [ms]	34
Shifting time on [ms]	20
Power-on time	100 %
Max. positive test impulse at 0 signal [µs]	3.300
Max. negative test impulse for 1 signal [µs]	3.100
Permitted voltage oscillations	-15 % / +10 %
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)
Oscillation strength	Transport use test with severity level 2 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with degree of severity 2 to FN 942017-5 and EN 60068-2-27
Corrosion resistant class KBK	2 - moderate corrosion stress
Medium temperature [°C]	-5 to 50
ambient temperature [°C]	-5 to 50
Product weight [g]	200
Fastening type	With throughway bores
Exhaust control connection 82	M5
Control air 12 connection	M5
Pneumatic connection 1	G1/4
Pneumatic connection 2	G1/4
Pneumatic connection 3	G1/4
Material information	RoHs compliant
Seals material	NBR
Housing material	Aluminium die casting
Exhaust function	Can be throttled
Exhaust control connection 84	M5
Control air 14 connection	M5
Pneumatic connection 4	G1/4
Pneumatic connection 5	G1/4

Control pressure [bar]	2.5 to 10
control medium	Compressed air to ISO 8573-1:2010 [7:4:4]