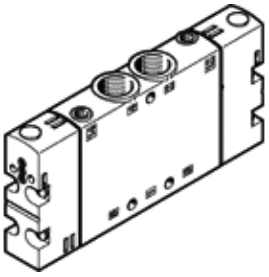
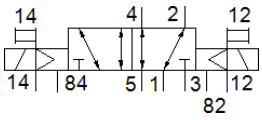
basic valve
CPE18-P1-5JS-1/4

Part number: 550156

Very compact assembly, with CNOMO interface.
This type is suitable for vacuum. Manifold assembly is only possible with 5/2 and 5/3 way valves CPE10/14/18, please do not combine with 3/2 way valves.





Data sheet

Feature	Value
Valve function	5/2 bistable
Type of actuation	Via pilot interface to ISO 15218
Width	18 mm
Standard nominal flow rate	1,500 l/min
Operating pressure	-0.9 ... 10 bar
Design structure	Piston slide
Maritime classification	see certificate
Nominal size	8 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	Pushing
Type of piloting	Piloted
Pilot air supply	external
Flow direction	reversible
Valve position identification	Inscription label holder
Overlap	Positive overlap
Pilot pressure	2 ... 10 bar
Switching time reversal	15 ms
Duty cycle	100 %
Max. positive test pulse with logic 0	3,300 µs
Max. negative test pulse with logic 1	3,100 µs
Permissible voltage fluctuation	-15 % / +10 %
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Vibration resistance	Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Medium temperature	-5 ... 50 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-5 ... 50 °C
Product weight	190 g
Mounting type	with through hole
Pilot exhaust port 82	M5
Pilot exhaust port 84	M5
Pilot air port 12	M5
Pilot air port 14	M5
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4

Feature	Value
Pneumatic connection, port 3	G1/4
Pneumatic connection, port 4	G1/4
Pneumatic connection, port 5	G1/4
Materials note	Conforms to RoHS
Material seals	NBR
Material housing	Aluminium die cast