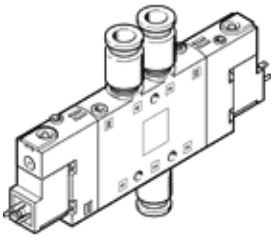
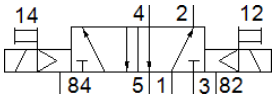
solenoid valve
CPE18-M3H-5J-QS-8

Part number: 163795

FESTO

High component density





Data sheet

Feature	Value
Valve function	5/2 bistable
Type of actuation	electrical
Width	18 mm
Standard nominal flow rate	850 l/min
Operating pressure	2 ... 10 bar
Design structure	Piston slide
Authorisation	c UL us - Recognized (OL)
Maritime classification	see certificate
Protection class	IP65 with plug socket to IEC 60529
Nominal size	8 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	with accessories, detenting Pushing
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	non reversible
Valve position identification	Inscription label holder
Overlap	Positive overlap
Switching time reversal	13 ms
Duty cycle	100 %
Max. positive test pulse with logic 0	3,300 µs
Max. negative test pulse with logic 1	3,100 µs
Characteristic coil data	230 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA
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
Ambient temperature	-5 ... 50 °C
Electrical connection	Plug pattern type C to EN 175301-803
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

Feature	Value
Pneumatic connection, port 1	QS-8
Pneumatic connection, port 2	QS-8
Pneumatic connection, port 3	G1/4
Pneumatic connection, port 4	QS-8
Pneumatic connection, port 5	G1/4
Materials note	Conforms to RoHS
Material seals	NBR
Material housing	Aluminium die cast