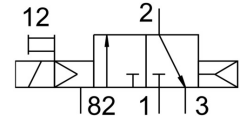
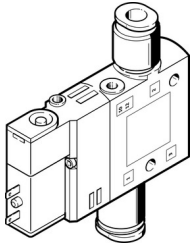


Air solenoid valve CPE14-M1BH-3GL-QS-8

Part number: 196888

FESTO



Data sheet

Feature	Value
Valve function	3/2, closed, monostable
Maritime classification	See certificate
Lap	Overlap
Actuation type	Electrical
Width	14 mm
Standard nominal flow rate	810 l/min
Pneumatic working port	QS-8
Operating voltage	24V DC
Operating pressure	2.5 bar ... 8 bar
Design	Piston gate valve
Reset method	Pneumatic spring
Degree of protection	as per IEC 60529 IP65 With plug socket
Certification	c UL us - Recognized (OL)
Nominal width	6 mm
Type code	CPE14
Sealing principle	Soft
Mounting position	Any
Manual override	Detenting via accessory Non-detenting
Type of control	Pilot-controlled
Pilot air supply port	Internal
Flow direction	Non-reversible
Symbol	00991655
Valve position ID	Label holder
Switching time off	27 ms
On switching time	16 ms
Duty cycle	100% in combination with holding current reduction through
Max. positive test pulse with 0 signal	1200 µs
Max. negative test pulse on 1 signal	900 µs
Coil characteristics	24 V DC: 1.28 W
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

Feature	Value
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
Ambient temperature	-5 °C ... 50 °C
Electrical connection	2-pin
Type of mounting	With through-hole
Pilot exhaust air port 82	M3
Pilot air port 12	M3
Pneumatic connection 1	QS-8
Pneumatic connection 2	QS-8
Pneumatic connection 3	G1/8
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum