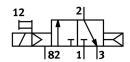
Air solenoid valve CPE10-M1CH-3GL-M7 Part number: 550233

FESTO





General operating condition

Valve function 3/2, closed, monostable Actuation type Electrical Width 10 mm Standard nominal flow rate 400 l/min Pneumatic working port M7 Operating voltage 24V DC Operating pressure 0.25 MPa 0.8 MPa Operating pressure 1.55 MPa 0.8 MPa Operating pressure 2.5 bar 8 bar Structural design Piston gate valve Reset method Certification CU us - Recognized (OU) Maritime classification Certificate issuing authority DNN-TAA000032X UL MH19482 Degree of protection Pf67 With plug socket as per IEC 60529 Nominal width 4 mm Sealing principle Soft Mounting position Any Manual override Determination Dete	Feature	Value
Width 10 mm Standard nominal flow rate 400 l/min Pneumatic working port M7 Operating yoltage 24V DC Operating pressure 0.25 MPa 0.8 MPa Operating pressure 2.5 bar 8 bar Structural design Piston gate valve Reset method Pneumatic spring Certification c UL us · Recognized (OL) Maritime classification See certificate Certificate issuing authority DNV-TAAO00032X UL MH19482 Degree of protection IP65 IP67 With plug socket as per IEC 60529 Nominal width 4 mm Sealing principle Soft Mounting position Any Manual override Determine Soft Internal Flow direction Pilot controlled Internal Flow direction Non-reversible Symbol 00991655 Valve position ID Label holder Lap Overlap Switching time On switching time 1 4 ms Duty cycle 100% Max. positive test pulse with 0 signal 1200 µs Max. positive test pulse with 0 signal 1200 µs Max. peative test pulse with 0 signal 150 kl +10 % Permissible voltage fluctuations 155 kl +10 %	Valve function	3/2, closed, monostable
Standard nominal flow rate 400 l/min Pneumatic working port M7 Operating voltage 24V DC Operating pressure 0.25 MPa 0.8 MPa Operating pressure 2.5 bar 8 bar Structural design Piston gate valve Reset method Pneumatic spring Certification c UL us - Recognized (OL) Maritime classification See certificate Certificate issuing authority DNV-TAA000032X UL MH19482 Degree of protection IP65 IP67 With plug socket as per IEC 60529 Nominal width 4 mm Sealing principle Soft Mounting position Any Manual override Detenting via accessory Non-detenting Type of control Pilot-controlled Plot air supply port Internal Flow direction Non-reversible Symbol 00991655 Valve position ID Label holder Lap Overlap Switching time off 14 ms On switching time off 14 ms On switching time off 14 ms On switching time of 1 signal 1200 μs Max. negative test pulse with 0 signal 1200 μs Max. positive test pulse on 1 signal 24 V DC: 1.28 W	Actuation type	Electrical
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Operating pressure 2.5 bar 8 bar Structural design Piston gate valve Reset method Pneumatic spring Certification c UL us - Recognized (OL) Maritime classification See certificate Certificate issuing authority DNV-TAA000032X UL MH19482 Degree of protection IP65 IP67 With plug socket as per IEC 60529 Nominal width 4 mm 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 Lap Overlap Switching time off 14 ms On switching time 14 ms On switching time 100% Max. pegative test pulse with 0 signal 200 μs Coil characteristics 24 V DC: 1.28 W Permissible voltage fluctuations -15 % / +10 %	Operating voltage	24V DC
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LapOverlapSwitching time off14 msOn switching time14 msDuty cycle100%Max. positive test pulse with 0 signal1200 μsMax. negative test pulse on 1 signal900 μsCoil characteristics24 V DC: 1.28 WPermissible voltage fluctuations-15 % / +10 %	Symbol	00991655
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On switching time 14 ms Duty cycle 100% 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 %	Lap	Overlap
Duty cycle100%Max. positive test pulse with 0 signal1200 μsMax. negative test pulse on 1 signal900 μsCoil characteristics24 V DC: 1.28 WPermissible voltage fluctuations-15 % / +10 %	Switching time off	14 ms
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 %	On switching time	14 ms
Max. negative test pulse on 1 signal900 μsCoil characteristics24 V DC: 1.28 WPermissible voltage fluctuations-15 % / +10 %	Duty cycle	100%
Coil characteristics 24 V DC: 1.28 W Permissible voltage fluctuations -15 % / +10 %	Max. positive test pulse with 0 signal	1200 μs
Permissible voltage fluctuations -15 % / +10 %	Max. negative test pulse on 1 signal	900 μs
-	Coil characteristics	24 V DC: 1.28 W
Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4]	Permissible voltage fluctuations	-15 % / +10 %
	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]

Feature	Value
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
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Temperature of medium	-5 °C 50 °C
Ambient temperature	-5 °C 50 °C
Max. tightening torque plug	0.4 Nm
Product weight	40 g
Electrical connection	4-pin M8x1
Type of mounting	With through-hole
Pilot exhaust air port 82	M3
Pilot air port 12	M3
Pneumatic connection 1	M7
Pneumatic connection 2	M7
Pneumatic connection 3	M7
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum