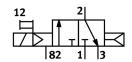
Air solenoid valve CPE24-M2H-3GL-3/8 Part number: 163809







General operating condition

Data sheet

Actuation type Electrical Width 24 mm Standard nominal flow rate 2500 l/min Preumatic working port Gay 8 Operating voltage 110V AC Operating pressure 0.25 MPa 1 MPa Operating pressure 2.5 bar 10 bar Structural design Piston gate valve Reset method Pneumatic spring Certification Cult us - Recognized (OL) Maritime classification CE marking (see declaration of conformity) As per EU low voltage directive UKCA marking (see declaration of conformity) To UK instructions for electrical equipment Certificate issuing authority UK maritime (see declaration of conformity) Degree of protection With plug socket as per lEC 60529 Nominal width 11 mm Sealing principle Soft Mounting position Any Manual override Detenting via accessory Non-detenting Type of control Pilot air supply port Internal Flow direction Non-reversible Symbol Oo991655 Symbol Ooy91655 Switching time off Ooyerlap Switching time off Ooyerlap Switching time off Ooyerlap Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics 110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA Electrical 110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA Electrical equipment 110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA	Feature	Value
Width 24 mm Standard nominal flow rate 2500 l/min Pheumatic working port 63/8 Operating yoltage 110 W C Operating pressure 0.25 MPa 1 MPa Operating pressure 2.5 bar 10 bar Structural design Plston gate valve Reset method Pheumatic spring Certification c UL us - Recognized (OL) Maritime classification 5ee certificate CE marking (see declaration of conformity) As per EU low voltage directive UKCA marking (see declaration of conformity) To UK instructions for electrical equipment Certificate issuing authority DNV-TAA000032X UL MH19482 Degree of protection Pless ap Pic Co529 Nominal width 11 mm Sealing principle Soft Mounting position Any Manual override Determine Plot of controlled Plot of control Position Non-reversible Symbol 00991655 Symbol 00	Valve function	3/2, closed, monostable
Standard nominal flow rate 2500 l/min G3/8 Operating ports G3/8 Operating pressure 0.25 bar 1 MPa Operating pressure 2.5 bar 10 bar Structural design Piston gate valve Reset method Pneumatic spring Certification C UL us - Recognized (OL) Maritime classification See certificate UKCA marking (see declaration of conformity) As per EU low voltage directive UKCA marking (see declaration of conformity) To UK instructions for electrical equipment Certificate issuing authority UL MH19482 Degree of protection Pro	Actuation type	Electrical
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Operating pressure Operating pressure 2.5 bar 10 bar Structural design Piston gate valve Reset method Pneumatic spring Certification CIL us - Recognized (OL) Maritime classification See certificate CE marking (see declaration of conformity) As per EU low voltage directive UKCA marking (see declaration of conformity) TO UK instructions for electrical equipment Certificate issuing authority UIL MH19482 Degree of protection Pesson With plug socket as per IEC 60529 Nominal width 11 mm Sealing principle Soft Mounting position Any Manual override Detenting via accessory Non-detenting Type of control Pilot air supply port Internal Flow direction Non-reversible Symbol Valve position ID Label holder Lap Overlap Switching time off On switching time On well as a 3300 µs Max. negative test pulse with 0 signal Max. negative test pulse with 0 signal Coil characteristics 110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA	Pneumatic working port	G3/8
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On switching time 50 ms Duty cycle 100% Max. positive test pulse with 0 signal 3300 μs Max. negative test pulse on 1 signal 3100 μs Coil characteristics 110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA	Lap	Overlap
Duty cycle 100% Max. positive test pulse with 0 signal 3300 µs Max. negative test pulse on 1 signal 3100 µs Coil characteristics 110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA	Switching time off	33 ms
Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal 3300 μs 3100 μs Coil characteristics 110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA	On switching time	50 ms
Max. negative test pulse on 1 signal 3100 μs Coil characteristics 110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA	Duty cycle	100%
Coil characteristics 110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA	Max. positive test pulse with 0 signal	3300 μs
	Max. negative test pulse on 1 signal	3100 μs
Permissible voltage fluctuations -15 % / +10 %	Coil characteristics	110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA
	Permissible voltage fluctuations	-15 % / +10 %

Feature	Value
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
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
Product weight	220 g
Electrical connection	Form C
Type of mounting	With through-hole
Pilot exhaust air port 82	M5
Pilot air port 12	M5
Pneumatic connection 1	G3/8
Pneumatic connection 2	G3/8
Pneumatic connection 3	G3/8
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum