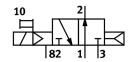
Air solenoid valve CPE24-M3H-3OL-3/8 Part number: 163832







General operating condition

Data sheet

Actuation type Electrical Width 24 mm Standard nominal flow rate 3000 l/min Pneumatic working port Operating voltage Deparating pressure Operating pressure Operating pressure Operating pressure 2.5 bar 10 bar Structural design Piston gate valve Reset method Pneumatic spring Certification Cut us - Recognized (OL) Maritime classification Cett and classification See certificate Cett and 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 Piefo With plug socket as per IEC 60529 Nominal width 11 mm Sealing principle Soft Mounting position Any Manual override Detenting via accessory Non-detenting Flype of control Pilot controlled Pilot controlled Pilot controlled Pilot controlled Non-reversible Symbol Valve position ID Label holder Lape Overlap Overlap Overlap Overlap On switching time off 33 ms On switching time off On switching time Max. pegative test pulse with 0 signal Max. pegative test pulse with 0 signal Max. pegative test pulse on 1 signal Coil characteristics 230 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA	Feature	Value
Avidth 24 mm Standard nominal flow rate 3000 l/min Pneumatic working port 63/8 Operating yoltage 230 w C Operating pressure 0.25 MPa 1 MPa Operating pressure 9.25 bar 10 bar Structural design Plston gate valve Resear method Peneumatic spring Certification c UL 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 DNV-TAA000032X UL MH19482 Degree of protection Pl66 With plug socket as per IEC 60529 Nominal width 11 mm Sealing principle Soft Mounting position Any Manual override Determine Ploto-controlled	Valve function	3/2, open, monostable
Standard nominal flow rate Pneumatic working port G3/8 Operating pressure Operating pressure Operating pressure Operating pressure 2.5 bar 10 bar Structural design Piston gate valve Reset method Pneumatic spring Certification Certification See certificate UKCA marking (see declaration of conformity) Certificate issuing authority Degree of protection Protect	Actuation type	Electrical
Preumatic working port Operating voltage 230V 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 See certificate CE marking (see declaration of conformity) UKCA marking (see declaration of conformity) DNV-TAA000032X UL MH19482 Degree of protection Piston gate valve Degree of protection Piston gate valve Nominal width 11 mm Sealing principle Soft Mounting position Any Manual override Pilot air supply port Internal Flow direction Non-reversible Symbol Valve position ID Label holder Lap Overlap Switching time off On switching time Duty cycle Max. positive test pulse with 0 signal Max. positive test pulse on 1 signal Coil characteristics 230 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA	Width	24 mm
Operating voltage Operating pressure Operating	Standard nominal flow rate	3000 l/min
Operating pressure Operating pressure 2.5 bar 10 bar Structural design Piston gate valve Reset method Pneumatic spring Certification CUL 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 UKCA marking (see declaration of conformity) DNV-TAA000032X UL MH19482 Degree of protection Pies 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 controlled Pilot acrossory Non-detenting Pilot wirection Non-reversible Symbol O0991656 Valve position ID Label holder Lap Overlap Switching time off On switching time Dot ycycle Max. positive test pulse with 0 signal Max. negative test pulse with 0 signal Coil characteristics 230 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA	Pneumatic working port	G3/8
Operating pressure 2.5 bar 10 bar Structural design Piston gate valve Reset method Pneumatic spring Certification CUL us - Recognized (OL) Maritime classification See certificate CE marking (see declaration of conformity) Marking (see declaration of conformity) LIKCA marking (see declaration of conformity) DIV. TAAA000032X UL MH19482 Degree of protection Pie65 With plug socket as per IEC 60529 Nominal width 11 mm Sealing principle Soft Mounting position Manual override Detenting via accessory Non-detenting Type of control Pilot-controlled Pilot-controlled Pilot-controlled Pilot si supply port Internal Flow direction Non-reversible Symbol Oo991656 Valve position ID Label holder Lap Overlap Switching time Do well Soms Duty cycle 100% Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics 230 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA	Operating voltage	230V AC
Structural design Piston gate valve Reset method Pneumatic spring Certification CUL 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 UKCA marking (see declaration of conformity) DNV-TAA000032X UL MH19482 Degree of protection Ple5 With plug socket as per IEC 60529 Nominal width 11 mm Sealing principle Soft Mounting position Any Manual override Detenting via accessory Non-detenting Pilot air supply port Internal Flow direction Non-reversible Symbol 00991656 Valve position ID Label holder Lap Overlap Switching time Off 33 ms On switching time On switching time 100% Max. positive test pulse with 0 signal 3300 μs Max. negative test pulse on 1 signal 3100 μs Coil characteristics 230 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA	Operating pressure	0.25 MPa 1 MPa
Reset method Pneumatic spring Certification cUL 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 DNY-TAA000032X UL MH19482 Degree of protection Ple65 With plug socket as per IEC 60529 Nominal width 11 mm Sealing principle Soft Mounting position Any Manual override Detenting via accessory Non-detenting Pilot air supply port Internal Flow direction Non-reversible Symbol 00991656 Valve position ID Label holder Uap Overlap Switching time Off 33 ms On switching time Douty cycle Max. positive test pulse with 0 signal 3300 µs Max. negative test pulse on 1 signal Coil characteristics 230 VAC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA	Operating pressure	2.5 bar 10 bar
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Degree of protection Protect	UKCA marking (see declaration of conformity)	To UK instructions for electrical equipment
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-controlled Pilot air supply port Internal Flow direction Non-reversible Symbol Oo991656 Valve position ID Label holder Lap Overlap Switching time off 33 ms On switching time 50 ms Duty cycle 100% Max. positive test pulse with 0 signal 3300 µs Max. negative test pulse on 1 signal Coil characteristics 230 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA	Certificate issuing authority	
Sealing principle 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 Oo991656 Valve position ID Label holder Lap Overlap Switching time off On switching time Duty cycle Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics Soft Any Detenting via accessory Non-detenting Valor-controlled Pilot-controlled Pilot-controlled Non-reversible Oo991656 Valore position ID Label holder James Overlap Switching time off James James	Degree of protection	With plug socket
Mounting position Manual override Detenting via accessory Non-detenting Type of control Pilot-controlled Pilot-controlled Pilot-controlled Internal Flow direction Non-reversible Symbol Oo991656 Valve position ID Label holder Lap Overlap Switching time off 33 ms On switching time Duty cycle Duty cycle Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics Any Detenting via accessory Non-detenting Pilot-controlled Internal Internal Overlap Swin-reversible Oo991656 Valve position ID Label holder Joverlap Switching time off Joverlap Switching time Jowerlap	Nominal width	11 mm
Manual overrideDetenting via accessory Non-detentingType of controlPilot-controlledPilot air supply portInternalFlow directionNon-reversibleSymbol00991656Valve position IDLabel holderLapOverlapSwitching time off33 msOn switching time50 msDuty cycle100%Max. positive test pulse with 0 signal3300 μsMax. negative test pulse on 1 signal3100 μsCoil characteristics230 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA	Sealing principle	Soft
Non-detenting Type of control Pilot air supply port Internal Flow direction Non-reversible Symbol O0991656 Valve position ID Label holder Lap Overlap Switching time off 33 ms On switching time Duty cycle 100% Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics Non-detenting Non-reversible Non-revers	Mounting position	Any
Pilot air supply port Flow direction Non-reversible Symbol 00991656 Valve position ID Label holder Lap Overlap Switching time off 33 ms On switching time 50 ms Duty cycle 100% Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics 1nternal Non-reversible Non-reversible Label holder Overlap 33 ms 50 ms 100% 33 ms 50 ms 100% 3300 µs 3300 µs 3300 µs	Manual override	
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Symbol 00991656 Valve position ID Label holder Lap Overlap Switching time off 33 ms 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 230 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA	Pilot air supply port	Internal
Valve position ID Label holder Overlap Switching time off On switching time 50 ms Duty cycle 100% Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics 230 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA	Flow direction	Non-reversible
Duty cycle 100% Max. positive test pulse on 1 signal 3100 µs Coil characteristics 230 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA	Symbol	00991656
Switching time off 33 ms 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 230 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA	Valve position ID	Label holder
On switching time50 msDuty cycle100%Max. positive test pulse with 0 signal3300 μsMax. negative test pulse on 1 signal3100 μsCoil characteristics230 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 230 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 230 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 230 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA	Duty cycle	100%
Coil characteristics 230 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	230 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