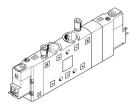
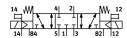
Air solenoid valve CPE24-M3H-5/3GS-3/8 Part number: 170338







General operating condition

Data sheet

Actuation type Width 24 mm Standard nominal flow rate 3000 l/min Pneumatic working port Operating voltage Operating pressure Operating pre	Feature	Value
Avidath 24 mm Standard nominal flow rate 3000 l/min Pheumatic working port 63/8 Operating yotage 230V AC Operating pressure -0.09 MPa1 MPa Operating pressure 9.99 bar1 0 bar Structural design Piston gate valve Resets method Mechanical spring Certification CIU 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 UI. MH19482 Degree of protection Ploss Degree of protection With flow control option Sealing principle Soft Mounting position Any Mounting position Any Mounting position Plot Control Pilot control Lap Overlap Overlap Pilot pressure MPa O.25 MPa 1 MPa Duty cycle Dout cycle	Valve function	5/3, closed
Standard nominal flow rate Pneumatic working port G3/8 Operating pressure Operating operation Operating operation Operating Operation Operat	Actuation type	Electrical
Preumatic working port Operating voltage 230V AC Operating pressure -0.09 MPa 1 MPa Operating pressure -0.9 bar 1 0 bar Structural design Piston gate valve Reset method Mechanical spring Certification Certification Certification See certificate CER marking (see declaration of conformity) UKCA marking (see declaration of conformity) DINY-TAA000032X UL MH19482 Degree of protection Display the first of the first	Width	24 mm
Operating voltage 230V AC Operating pressure -0.09 MPa 1 MPa Operating pressure -0.9 bar 1 0 bar Structural design Piston gate valve Reset method Mechanical spring Certification c UL us - Recognized (OL) Maritime classification See certificate CE marking (see declaration of conformity) As per EU low voltage directive ULV CK marking (see declaration of conformity) To UK instructions for electrical equipment Certificate issuing authority UN PARADOOO32X UL MH19482 Degree of protection Pipe Swith plug socket as per IEC 60529 Nominal width 11 mm Exhaust air function With flow control option Sealing principle Soft Mounting position Any Manual override Determine Pilot-controlled Pilot accessory Non-detenting Type of control Pilot-controlled Pilot ari supply port External Flow direction Reversible Symbol O0991020 Valve position ID Label holder Lap Overlap Pilot pressure MPa Duty cycle 100%	Standard nominal flow rate	3000 l/min
Operating pressure Operating operation Operating Operating operation Operating Operating operation Operating Operating operation Operating Operation Operating Ope	Pneumatic working port	G3/8
Operating pressure -0.9 bar 10 bar Structural design Piston gate valve Reset method Mechanical spring Certification c UL us - Recognized (OL) Maritime classification See certificate CE marking (see declaration of conformity) WCCA marking (see declaration of conformity) LIVECA marking (see declaration of conformity) To UK instructions for electrical equipment Certificate issuing authority UL MH19482 Degree of protection Piessure Degree of protection With flow control option Sealing principle Soft Mounting position Manual override Detenting via accessory Non-detenting Vipe of control Pilot air supply port External Flow direction Pilot controlled External Flow direction Pipersure MPa Valve position ID Label holder Lap Overlap Pilot pressure MPa Pilot pressure Pilot presure Pilot pressure Pilot pressure Pilot pressure Pilot pressure P	Operating voltage	230V AC
Structural design Piston gate valve Reset method Mechanical 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 UL MH19482 Doegree of protection Piece Soft With plug socket as per IEC 60529 Nominal width 11 mm Exhaust air function Sealing principle Soft Mounting position Any Manual override Detenting via accessory Non-detenting Type of control Pilot-controlled Pilot air supply port External Flow direction Reversible Symbol 00991020 Valve position ID Label holder Use MPassure MPa Pilot pressure MPa Pilot pressure MPa Pilot pressure MPa Dots witching time off 55 ms Don switching time 25 ms Duty cycle Pilot constructing of the size of	Operating pressure	-0.09 MPa 1 MPa
Reset method Mechanical 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 IP65 With plug socket as per IEC 60529 Nominal width 11 mm Exhaust air function With flow control option Sealing principle Soft Mounting position Any Manual override Determine Pilot-controlled Pilot air supply port External Flow direction Reversible Symbol 00991020 Label holder Lap Overlap Pilot pressure MPa O 100% Den Withing time Of Soft MPa O 100% Den Medical spring CUL us - Recognized (OL) As per EU low voltage directive CUL us - Recognized (OL) See Certificate See Certificate DNV-TAA000032X UL MH19482 DNV-TAA00032X UL MH19482 UL MH19482 DNV-TAA00032X UL MH19482 DNV-TAA00032X UL MH19482 Divide Information DNV-TAA000032X UL MH19482 Divide Information See Certificate DNV-TAA000032X UL MH19482 Divide Information See Certificate See CE Uk in structions for electrical equipment DNV-TAA000032X UL MH19482 DNV-TAA000032X UL MH19482 DNV-TAA000032X UL MH19482 Divide Information See Certificate See CE Uk in struction of See Certificate See Certificate See CE To Wit in struction of See Certificate See Certificate See CE To Wit in structions for electrical equipment DNV-TAA000032X UL MH19482 DNV-TAA000032X UL MH19482 DNV-TAA000032X UL MH19482 DNV-TAA000032X UL MH19482 Doverlap Doverlap Doverlap Doverlap Doverlap Doverlap South in grade in see Certificate South in grade in s	Operating pressure	-0.9 bar 10 bar
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 DNY-TAA000032X UL MH194822 Degree of protection IP65 With plug socket as per IEC 60529 Nominal width 11 mm Exhaust air function With flow control option Sealing principle Soft Mounting position Any Manual override Detenting via accessory Non-detenting Iype of control Pilot air supply port External Flow direction Reversible Symbol O0991020 Label holder Lap Overlap Pilot pressure MPa O1.25 MPa 1 MPa Switching time off O5 ms witching time D2 ms I Sm S Duty cycle DOU Pilot pressure D1.55 ms D0.55 ms D0.55 ms D0.55 ms D0.55 ms D0.55 ms D0.55 ms	Structural design	Piston gate valve
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 ONV-TAA000033X UL MH19482 Degree of protection Degree of protection Nominal width I1 mm Exhaust air function Sealing principle Mounting position Manual override Detenting via accessory Non-detenting Type of control Pilot-controlled Pilot surply port External Flow direction Reversible Symbol Ooy91020 Valve position ID Label holder Lap Pilot pressure MPa O.25 MPa 1 MPa Pilot pressure 2.5 bar 10 bar Switching time off On switching time Dots Conford 10 WH Spers Surple 100%	Reset method	Mechanical spring
CE marking (see declaration of conformity) DIX (As per EU low voltage directive) To UK instructions for electrical equipment DIX (Anouoo32X UL MH19482) Degree of protection DIV-TAA000032X UL MH19482 Degree of protection DIV-TAGOUOG32X UL MH19482 Degree of protection With plug socket as per IEC 60529 Nominal width 11 mm Exhaust air function Sealing principle Soft Mounting position Any Manual override Detenting via accessory Non-detenting Type of control Pilot-controlled Pilot air supply port External Flow direction Reversible Symbol O0991020 Valve position ID Label holder Lape Pilot pressure MPa O.25 MPa 1 MPa Pilot pressure 2.5 bar 10 bar Switching time off On switching time Duty cycle 100%	Certification	c UL us - Recognized (OL)
DUCK a marking (see declaration of conformity) Certificate issuing authority DNV-TAA000032X UL MH19482 Degree of protection Degree of protection Plots With plug socket as per IEC 60529 Nominal width 11 mm Exhaust air function With flow control option Sealing principle Soft Mounting position Any Manual override Detenting via accessory Non-detenting Type of control Pilot-controlled Pilot air supply port External Flow direction Reversible Symbol O0991020 Valve position ID Label holder Lap Overlap Pilot pressure MPa Pilot pressure 2.5 bar 1 0 bar Switching time off On switching time Duty cycle 100%	Maritime classification	See certificate
Degree of protection Degree of English places of Degree of Deg	CE marking (see declaration of conformity)	As per EU low voltage directive
Degree of protection Nominal width Exhaust air function With flow control option Sealing principle Mounting position Any Manual override Detenting via accessory Non-detenting Type of control Pilot-controlled Pilot air supply port External Flow direction Reversible Symbol Oo991020 Valve position ID Label holder Lap Overlap Pilot pressure MPa Pilot pressure 2.5 bar 10 bar Switching time off On switching time Duty cycle 100%	UKCA marking (see declaration of conformity)	To UK instructions for electrical equipment
With plug socket as per IEC 60529 Nominal width 11 mm Exhaust air function With flow control option Sealing principle Soft Mounting position Any Manual override Detenting via accessory Non-detenting Type of control Pilot-controlled Pilot air supply port External Flow direction Reversible Symbol O0991020 Valve position ID Label holder Lap Overlap Pilot pressure MPa Pilot pressure MPa O1.25 MPa 1 MPa Switching time off O5 ms O1 switching time D1 ty cycle D1000	Certificate issuing authority	_
Exhaust air function Sealing principle Soft Mounting position Any Manual override Detenting via accessory Non-detenting Type of control Pilot-controlled External Flow direction Reversible Symbol Valve position ID Label holder Lap Overlap Pilot pressure MPa Pilot pressure 2.5 bar 1 0 bar Switching time off On switching time Duty cycle Duty cycle With flow control option With flow control option Soft With flow control option Soft Any Detenting via accessory Non-detenting Pilot-controlled External External Oo991020 Caverable Oo991020 Label holder Overlap Ooserlap Oose	Degree of protection	With plug socket
Sealing principle Mounting position Any Manual override Detenting via accessory Non-detenting Type of control Pilot-controlled Pilot air supply port External Flow direction Reversible Symbol O0991020 Valve position ID Label holder Lap Overlap Pilot pressure MPa 0.25 MPa 1 MPa Pilot pressure Switching time off 55 ms On switching time 25 ms Duty cycle 100%	Nominal width	11 mm
Mounting position Manual override Detenting via accessory Non-detenting Type of control Pilot-controlled External Flow direction Reversible Symbol Valve position ID Label holder Lap Overlap Pilot pressure MPa Pilot pressure 2.5 bar 1 MPa Switching time off On switching time Duty cycle 100%	Exhaust air function	With flow control option
Manual override Detenting via accessory Non-detenting Pilot-controlled Pilot air supply port External Flow direction Reversible Symbol 00991020 Valve position ID Label holder Lap Overlap Pilot pressure MPa Pilot pressure 2.5 bar 1 MPa Switching time off 55 ms Duty cycle 100%	Sealing principle	Soft
Non-detenting Type of control Pilot air supply port External Flow direction Reversible Symbol 00991020 Valve position ID Label holder Lap Overlap Pilot pressure MPa Pilot pressure 2.5 bar 1 MPa Switching time off 55 ms Duty cycle 100%	Mounting position	Any
Pilot air supply port External Reversible Symbol O0991020 Valve position ID Label holder Lap Overlap Pilot pressure MPa Pilot pressure Switching time off On switching time Duty cycle External Reversible O0991020 Label holder Label holder Overlap 0.25 MPa 1 MPa 2.5 bar 10 bar 55 ms Duty cycle 100%	Manual override	
Flow direction Reversible Opp1020 Valve position ID Label holder Lap Overlap Pilot pressure MPa Pilot pressure 2.5 bar 1 MPa Switching time off On switching time 25 ms Duty cycle Reversible Opp1020 Label holder Overlap Overlap 2.5 bar 1 MPa 2.5 bar 10 bar 55 ms Duty cycle 100%	Type of control	Pilot-controlled
Symbol 00991020 Valve position ID Label holder Lap Overlap Pilot pressure MPa 0.25 MPa 1 MPa Pilot pressure 2.5 bar 10 bar Switching time off 55 ms On switching time 25 ms Duty cycle 100%	Pilot air supply port	External
Valve position ID Label holder Overlap Pilot pressure MPa Pilot pressure 2.5 bar 1 MPa Switching time off On switching time 25 ms Duty cycle 100%	Flow direction	Reversible
Overlap Pilot pressure MPa 0.25 MPa 1 MPa Pilot pressure 2.5 bar 10 bar Switching time off 55 ms On switching time 25 ms Duty cycle 100%	Symbol	00991020
Pilot pressure MPa 0.25 MPa 1 MPa 2.5 bar 10 bar Switching time off 55 ms On switching time 25 ms Duty cycle 100%	Valve position ID	Label holder
Pilot pressure 2.5 bar 10 bar Switching time off 55 ms On switching time 25 ms Duty cycle 100%	Lap	Overlap
Switching time off 55 ms On switching time 25 ms Duty cycle 100%	Pilot pressure MPa	0.25 MPa 1 MPa
On switching time 25 ms Duty cycle 100%	Pilot pressure	2.5 bar 10 bar
Duty cycle 100%	Switching time off	55 ms
, ,	On switching time	25 ms
Max. positive test pulse with 0 signal 3300 μs	Duty cycle	100%
	Max. positive test pulse with 0 signal	3300 μs

Feature	Value
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
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
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 ℃ 50 ℃
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 ℃ 50 ℃
Product weight	430 g
Electrical connection	Form C
Type of mounting	With through-hole
Pilot exhaust air port 82	M5
Pilot exhaust air port 84	M5
Pilot air port 12	M5
Pilot air port 14	M5
Pneumatic connection 1	G3/8
Pneumatic connection 2	G3/8
Pneumatic connection 3	G3/8
Pneumatic connection 4	G3/8
Pneumatic connection 5	G3/8
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum