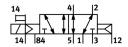
Air solenoid valve CPE18-M3H-5LS-QS-8 Part number: 163798







General operating condition

Data sheet

Width 18 mm Standard nominal flow rate 850 //min Pneumatic working port QS-8 Operating yoltage 230W AC Operating pressure	Feature	Value
Width 18 mm Standard nominal flow rate 850 l/min Preumatic working port QS-8 Operating voltage 230W AC Operating pressure	Valve function	5/2, monostable
Standard nominal flow rate	Actuation type	Electrical
Preumatic working port Operating voltage 230V AC Operating pressure -0.9 bar 10 bar Structural design Piston gate valve Reset method Pneumatic spring Certification cul us - Recognized (OL) Maritime classification CE marking (see declaration of conformity) NCA marking (see declaration of conformity) To UK instructions for electrical equipment Certificate issuing authority DNV-TAA000032X UL MH19482 Degree of protection Ple5 With plug socket as spre IEC 60529 Nominal width REABAUST air function Solid Solid Manual override Mounting position Any Manual override Detenting via accessory Non-detenting Type of control Plot air supply port External Flow direction Reversible Symbol O0991026 Valve position ID Label holder Lap Overlap Pilot pressure MPa On switching time off On switching time Days cycle Down one determing Days cycle Down one determine Days MPa Down one determine D	Width	18 mm
Operating voltage 230V AC Operating pressure -0.09 MPa 1 MPa Operating pressure -0.9 bar 10 bar Structural design Piston gate valve Reset method Pneumatic spring Certification c UL us - Recognized (OL) Maritine 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-TAAD000932X UL MH19A82 Degree of protection IP65 With plug socket as per IEC 60529 Nominal width 8 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 00991026 Valve position ID Label holder Lap Overlap Pilot pressure	Standard nominal flow rate	850 l/min
Operating pressure 0.09 MPa 1 MPa Operating pressure -0.9 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 DNV-TAA000032X UM-19482 Degree of protection IP65 With plug socket as per IEC 60529 Nominal width 8 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 00991026 Valve position ID Label holder Lap Overlap Pilot pressure MPa 0.25 MPa 1 MPa Pilot p	Pneumatic working port	QS-8
Operating pressure Operating pressure Structural design Reset method Pneumatic 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 UNV-TAA000032X UL MH19482 Degree of protection Ple5 With plug socket as per IEC 60529 Nominal width S mm Exhaust air function With flow control option Sealing principle Soft Mounting position Manual override Detenting via accessory Non-detenting Type of control Pilot air supply port External Flow direction Reversible Symbol Oo991026 Valve position ID Lap Pilot pressure MPa Overlap Pilot pressure 2.5 bar 10 bar On switching time off Oo ms Oon switching time 26 ms Duty cycle In Oas	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 Certificate issuing authority DNV-TAA000032X UL MH19482 Degree of protection Possible of the principle of the p	Operating pressure	-0.09 MPa 1 MPa
Reset method Certification Certification Certification See certificate CE marking (see declaration of conformity) NKCA marking (see declaration of conformity) To UK instructions for electrical equipment Certificate issuing authority DNV-TAA000032X UL MH19482 Degree of protection With plus socket as per IEC 60529 Nominal width Sealing principle Soft Mounting position Any Manual override Deterting position Any Manual override Deterting supply port Elot on torrid or policy External Flow direction Reversible Symbol Oospitalos Valve position ID Lap Pilot pressure MPa Do switching time MPa Do see retificate Cull us - Recognized (OL) See certificate Cull us - Recognized (OL) See certificate See retificate	Operating pressure	-0.9 bar 10 bar
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Certificate issuing authority DNV-TAA000032X UL MH19482 Degree of protection Ple56 With plug socket as per IEC 60529 Nominal width 8 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 Symbol Valve position ID Label holder Lap Doverlap Pilot pressure MPa Pilot pressure 2.5 bar 10 bar Switching time off On switching time DNV-TAA000032X UL MH19482 DNV-TAA000032X UL MH19482 BNV-TAA000032X UL MH19482 Brow IP65 With plug socket as per IEC 60529 Non-iec Cotton Seam Pilot control option Doverlap Pilot pressure 2.5 bar 10 bar Switching time off On switching time Dowy cycle Dowy cycle	CE marking (see declaration of conformity)	As per EU low voltage directive
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Sealing principle Mounting position Any Manual override Detenting via accessory Non-detenting Type of control Pilot air supply port External Flow direction Symbol Overlap Pilot pressure MPa Pilot pressure Pilot pressure Switching time off On switching time Duty cycle Soft Any Detenting via accessory Non-detenting Detenting via accessory Non-detenting Petenting via accessory Non-detenting Detenting via accessory Non-detenting Valouessory Non-detenting Valouessory Non-detenting via accessory Non-detenting Non-detent	Nominal width	8 mm
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Type of controlNon-detentingPilot controlledPilot-controlledPilot air supply portExternalFlow directionReversibleSymbol00991026Valve position IDLabel holderLapOverlapPilot pressure MPa0.25 MPa 1 MPaPilot pressure2.5 bar 10 barSwitching time off20 msOn switching time26 msDuty cycle100%	Mounting position	Any
Pilot air supply port External Flow direction Reversible Symbol 00991026 Valve position ID Label holder Lap Overlap Pilot pressure MPa Pilot pressure MPa Pilot pressure Switching time off 20 ms On switching time Duty cycle 100%	Manual override	
Flow direction Reversible O0991026 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 Reversible Reversible Reversible 20091026 Label holder Overlap Overlap O25 MPa 1 MPa 20 ms 20 ms 100%	Type of control	Pilot-controlled
Symbol 00991026 Valve position ID Label holder Lap Overlap Pilot pressure MPa 0.25 MPa 1 MPa Pilot pressure Switching time off 20 ms On switching time 26 ms Duty cycle 100991026	Pilot air supply port	External
Valve position IDLabel holderLapOverlapPilot pressure MPa0.25 MPa 1 MPaPilot pressure2.5 bar 10 barSwitching time off20 msOn switching time26 msDuty cycle100%	Flow direction	Reversible
LapOverlapPilot pressure MPa0.25 MPa 1 MPaPilot pressure2.5 bar 10 barSwitching time off20 msOn switching time26 msDuty cycle100%	Symbol	00991026
Pilot pressure MPa 0.25 MPa 1 MPa Pilot pressure 2.5 bar 10 bar Switching time off 20 ms On switching time 26 ms Duty cycle 100%	Valve position ID	Label holder
Pilot pressure 2.5 bar 10 bar Switching time off 20 ms On switching time 26 ms Duty cycle 100%	Lap	Overlap
Switching time off 20 ms On switching time 26 ms Duty cycle 100%	Pilot pressure MPa	0.25 MPa 1 MPa
On switching time 26 ms Duty cycle 100%	Pilot pressure	2.5 bar 10 bar
Duty cycle 100%	Switching time off	20 ms
	On switching time	26 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 ℃
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	QS-8
Pneumatic connection 2	QS-8
Pneumatic connection 3	G1/4
Pneumatic connection 4	QS-8
Pneumatic connection 5	G1/4
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum