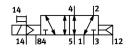
Air solenoid valve CPE18-M2H-5LS-QS-10 Part number: 163782







General operating condition

Data sheet

Width 18 mm Standard nominal flow rate 1000 l/min Pneumatic working port Q5-10 Operating yoltage 110V AC Operating pressure -0.09 Mpa 1 Mpa Operating pressure -0.9 bar 10 bar Structural design Pneumatic spring Certification Pneumatic spring Certification cut us - Recognized (OL) Maritime classification See certificate CE marking (see declaration of conformity) See certificate CE marking (see declaration of conformity) To UK Instructions for electrical equipment Certificate issuing authority DNV-TAA000032X UL MH19482 Degree of protection See see declaration of conformity See min spring for See spring See declaration of conformity See See See See See See See See See Se	Feature	Value
Width 18 mm Standard nominal flow rate 1000 l/min Preumatic working port QS-10 Operating voltage 1100 W C Operating pressure	Valve function	5/2, monostable
Standard nominal flow rate 1000 l/min Pneumatic working port QS-10 Operating pressure -0.09 MPa 1 MPa Operating pressure -0.99 bar 10 bar Structural design Pressure -0.99 bar 10 bar -0.99 bar child pile pressure -0.99 bar 10 bar -0.9	Actuation type	Electrical
Preumatic working port Operating voltage 110V 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 principle Solft 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 Down witching time off MPa Down witching time MPa Down witching MPa	Width	18 mm
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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
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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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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
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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	110 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-10
Pneumatic connection 2	QS-10
Pneumatic connection 3	G1/4
Pneumatic connection 4	QS-10
Pneumatic connection 5	G1/4
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum