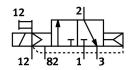
Air solenoid valve CPE24-M2H-3GLS-3/8 Part number: 163813







General operating condition

Data sheet

Actuation type Electrical Width 24 mm Standard nominal flow rate 2500 l/min Preumatic working port G3/8 Operating voltage 110V AC Operating pressure -0.99 MPa 1 MPa Operating pressure -0.99 MPa 1 MPa Operating pressure -0.99 mar 10 bar Piston gate valve Reset method Pneumatic spring Certification CUL us - Recognized (OL) Maritime classification Eterarking (see declaration of conformity) As per EU low voltage directive Eterarking (see declaration of conformity) To UK instructions for electrical equipment Certificate issuing authority DNV-TAA000032X UL MH19482 Degree of protection Pie5 With plug socket as per IEC 60529 Nominal width 11 mm Sealing principle Soft Mounting position Any Manual override Detenting via accessory Non-detenting Fype of control Pilot-controlled Elota air supply port External Flow direction Non-reversible Symbol Oo991405 Valve position ID Label holder Jap Overlap Pilot pressure MPa O.25 MPa 1 MPa Outy cycle Doms Onswitching time So ms Outy cycle Doms Outy cycle 100%	Feature	Value
Avidith 24 mm Standard nominal flow rate 2500 l/min Standard nominal flow rate 2500 l/min Oneumatic working port 63/8 Operating voltage 110 V AC Operating pressure -0.09 Mpa 1 Mpa Operating pressure 9.0.9 bar 10 bar Structural design Piston gate valve Reset method Pneumatic spring Certification CUL.us - Recognized (OL) Waritime classification See certificate Et marking (see declaration of conformity) As per EU low voltage directive LIKCA marking (see declaration of conformity) To UK instructions for electrical equipment Certificate issuing authority UL MH19482 Deverage of protection Piessure Piess	Valve function	3/2, closed, monostable
Standard nominal flow rate Peneumatic working port G3/8 Operating pressure -0.09 MPa 1 MPa Operating pressure -0.9 bar 10 bar Structural design Reset method Pneumatic spring Certification C UL us - Recognized (01) Maritime classification See certificate Examrking (see declaration of conformity) As per EU low voltage directive LECA marking (see declaration of conformity) DNV-TAA000032X UL MH19482 Degree of protection P65 With plug socket as per IEC 60529 Nominal width 11 mm Sealing principle Mounting position Any Manual override Deterting via accessory Non-detenting Fype of control Pilot-controlled Pilot-controlled Pilot-controlled Pilot control Pilot control Pilot grid supply port External Flow direction Operating via accessory Non-detenting Non-reversible Symbol Any Overlap Overlap Overlap Overlap Overlap Ditt pressure MPa Oz. 5 MPa 1 MPa Down country cycle Down working time off Do so witching time off Do so witching time off Do so witching time So ms Outy cycle Down country cycle Pilot control off Down working time off Do so witching time off Do so witching time off Do so witching time So ms	Actuation type	Electrical
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Operating pressure -0.9 bar 10 bar Structural design Piston gate valve Reset method Pneumatic spring Certification c UL us - Recognized (OL) Maritime classification See certificate EE marking (see declaration of conformity) As per EU low voltage directive DIKCA marking (see declaration of conformity) DINY-TAA000032X UL MH19482 Degree of protection Degree of protection Piebo Nominal width Sealing principle Soft Mounting position Any Manual override Detenting via accessory Non-detenting Pilot-controlled Pilot air supply port External Clow direction Non-reversible Symbol Valve position ID Label holder Deplict pressure MPa Pilot pressure Deswitching time On switching time Do ms Some Duty cycle Domes	Operating voltage	110V AC
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Valve position ID Label holder Overlap Pilot pressure MPa Pilot pressure 2.5 bar 1 MPa Switching time off 33 ms On switching time 50 ms Outy cycle 100%	Flow direction	Non-reversible
Overlap Pilot pressure MPa 0.25 MPa 1 MPa Pilot pressure 2.5 bar 10 bar Switching time off 33 ms On switching time 50 ms Outy cycle 100%	Symbol	00991405
Pilot pressure MPa 0.25 MPa 1 MPa 2.5 bar 10 bar Switching time off 33 ms On switching time 50 ms Duty cycle 100%	Valve position ID	Label holder
Pilot pressure 2.5 bar 10 bar Switching time off 33 ms On switching time 50 ms Outy cycle 100%	Lap	Overlap
Switching time off 33 ms On switching time 50 ms Outy cycle 100%	Pilot pressure MPa	0.25 MPa 1 MPa
On switching time 50 ms Outy cycle 100%	Pilot pressure	2.5 bar 10 bar
Duty cycle 100%	Switching time off	33 ms
···	On switching time	50 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 °C 50 °C
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
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