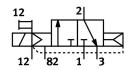
Air solenoid valve CPE24-M3H-3GLS-3/8 Part number: 163837







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 250V AC Operating pressure -0.09 MPa 1 MPa Operating pressure -0.9 bar 10 bar Piston gate valve Reset method Pneumatic spring Certification Cul. us - Recognized (OL) Maritime classification Emarking (see declaration of conformity) As per El llow voltage directive CETIFIcate issuing authority DNV-TAA000032X UL MH19482 Degree of protection Ple56 With plug socket as per IEC 60529 Nominal width 11 mm Sealing principle Soft Mounting position Any Manual override Operating position ID Label holder Japp Overlap Pilot pressure An MPa Oz.5 MPa 1 D bar Soitching time Oz.5 MPa 1 MPa Oz.5 MP	Feature	Value
Avidith 24 mm Standard nominal flow rate 2500 l/min Standard nominal flow rate 2500 l/min Operating voltage 230V AC Operating pressure -0.09 Mpa 1 Mpa Operating pressure 9.09 bar 10 bar 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 ELKCA marking (see declaration of conformity) To UK instructions for electrical equipment Certificate issuing authority UL MH19482 Deverage of protection	Valve function	3/2, closed, monostable
Standard nominal flow rate Peneumatic working port G3/8 Operating pressure Operating value Operation Operating value Operation Operation	Actuation type	Electrical
Poneumatic working port Deperating voltage Deperating pressure O.09 MPa 1 MPa Operating pressure O.9 bar 10 bar Piston gate valve Reset method Peneumatic spring Cut. us - Recognized (OL) Maritime classification See certificate LEE marking (see declaration of conformity) As per EU low voltage directive DIVCA marking (see declaration of conformity) To UK instructions for electrical equipment DIV-TAA000032X UL MH19482 Degree of protection Pie65 With plug socket as per IEC 60529 Nominal width 11 mm Sealing principle Soft Mounting position Any Manual override Non-detenting Pilot-controlled Pilot-controlled Pilot-controlled Pilot-controlled Pilot-controlled Pilot-controlled Pilot-controlled Soft Avive position ID Label holder Lape Overlap Overlap Overlap Overlap Overlap Overlap Overlap Out cycle Down witching time off Do switching time off Do switching time off Do switching time So ms Out ycycle	Width	24 mm
Departing voltage 230V AC Departing pressure -0.09 MPa 1 MPa Departing 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 Et marking (see declaration of conformity) As per EU low voltage directive DEXCA marking (see declaration of conformity) To UK instructions for electrical equipment Certificate issuing authority UNY-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 Determine Dete	Standard nominal flow rate	2500 l/min
Departing pressure -0.09 MPa 1 MPa -0.9 bar 10 bar Piston gate valve Reset method Pneumatic spring Certification CUL us - Recognized (OL) Maritime classification See certificate Emarking (see declaration of conformity) Maritime classification of conformity) Maritime classification To UK instructions for electrical equipment DIXCA marking (see declaration of conformity) DIXCA mark	Pneumatic working port	G3/8
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) DIV-TAA000032X UL MH19482 Degree of protection Degree of protection Degree of protection Divident of the seed of the see	Operating voltage	230V AC
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Manual override Detenting via accessory Non-detenting Pilot-controlled Pilot air supply port External Flow direction Non-reversible Symbol O0991405 Valve position ID Label holder Overlap Pilot pressure MPa O1.25 MPa 1 MPa Pilot pressure 2.5 bar 10 bar Switching time off On switching time 50 ms Duty cycle Detenting via accessory Non-detenting Pilot-controlled Pilot -controlled Pilot -con	Sealing principle	Soft
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Symbol 00991405 Valve position ID Label holder Lap Overlap Pilot pressure MPa 0.25 MPa 1 MPa Pilot pressure Switching time off 33 ms On switching time 50 ms Outy 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 33 ms On switching time 50 ms Duty 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
Dilot pressure MPa 0.25 MPa 1 MPa 2.5 bar 10 bar 33 ms 3 ms 50n switching time off 50 ms	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	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 °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