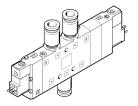
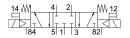
Air solenoid valve CPE24-M2H-5/3G-QS-12 Part number: 170313







Data sheet

Actuation type Electrical Width 24 mm Standard nominal flow rate 1650 l/min Pneumatic working port Operating yottage 110V AC Operating pressure 0.25 MPa1 MPa 2.5 bar10 bar Structural design Piston gate valve Reset method Certification Cettification Cettificate CE marking (see declaration of conformity) UKCA marking (see declaration of conformity) To UK instructions for electrical equipment Certificate issuing authority Degree of protection Pie56 With plug socket as per IEC 60529 Nominal width 11 mm Exhaust air function Sealing principle Soft Mounting position Manual override Non-detenting Type of control Pilot air supply port Internal Flow direction Non-reversible Label holder Switching time off Overlap Switching time off Overlap Switching time off Overlap Switching time off Oscitation CS-12 Nominal Width Any Sealing principle Non-reversible Label holder Overlap Switching time off Overlap Switching time off Overlap Switching time off Overlap Switching time off Oscitaments I 10V AC O.25 MPa1 MPa 2.5 mm Any Any Blectrical Log Mpa1 MPa 2.5 mm Any Any Any Any Any Any Any A	Feature	Value
Width 24 mm Standard nominal flow rate 1650 l/min Pneumatic working port QS-12 Operating voltage 110V AC Operating pressure 2.5 bar10 bar 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 DNV-TAA000032X 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 Determing via accessory Non-detenting Type of control Pilot-controlled Pilot air supply port Internal Flow direction Label holder Lap Switching time off 55 ms On switching time 55 ms On switching time 55 ms	Valve function	5/3, closed
Standard nominal flow rate Pneumatic working port QS-12 Operating voltage 110V AC Operating pressure 2.5 bar10 bar Structural design Reset method Reset method Reset method Resident classification Cultus - Recognized (OL) Maritime classification See certificate CE marking (see declaration of conformity) As per EU low voltage directive UNCA marking (see declaration of conformity) DNV-TAA000032X Degree of protection Pfe5 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 air supply port Internal Flow direction Non-reversible Valve position ID Label holder Valve position time Volve for switching time Valve position giffe of Sp ms Valve position time Valve position giffe of Sp ms	Actuation type	Electrical
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Operating pressure Operating pressure Operating pressure O.25 MPa1 MPa 2.5 bar10 bar Structural design Piston gate valve Reset method Mechanical spring Certification CUL us - Recognized (OL) Maritime classification See certificate CE marking (see declaration of conformity) INV-TAA000032X UKCA marking (see declaration of conformity) DNV-TAA000032X 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 Type of control Pilot-controlled Pilot air supply port Internal Flow direction Non-reversible Valve position ID Label holder Lap Overlap Switching time off 55 ms On switching time 2.5 ms	Pneumatic working port	QS-12
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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 Degree of protection	Operating pressure	
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Degree of protection IP65 With plug socket as per IEC 60529 Nominal width	UKCA marking (see declaration of conformity)	To UK instructions for electrical equipment
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Pilot air supply port Internal Flow direction Non-reversible Valve position ID Label holder Lap Overlap Switching time off 55 ms On switching time 25 ms	Manual override	
Flow direction Non-reversible Valve position ID Label holder Lap Overlap Switching time off 55 ms On switching time 25 ms	Type of control	Pilot-controlled
Valve position ID Label holder Lap Overlap Switching time off On switching time 25 ms	Pilot air supply port	Internal
Lap Overlap Switching time off 55 ms On switching time 25 ms	Flow direction	Non-reversible
Switching time off 55 ms On switching time 25 ms	Valve position ID	Label holder
On switching time 25 ms	Lap	Overlap
	Switching time off	55 ms
Duty cycle 100%	On switching time	25 ms
	Duty cycle	100%

Feature	Value
Max. positive test pulse with 0 signal	3300 μs
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 °C50 °C
Ambient temperature	-5 °C50 °C
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-12
Pneumatic connection 2	QS-12
Pneumatic connection 3	G3/8
Pneumatic connection 4	QS-12
Pneumatic connection 5	G3/8
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum