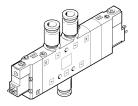
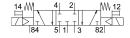
Air solenoid valve CPE24-M3H-5/3G-QS-12 Part number: 170349







Data sheet

Actuation type Electrical Width 24 mm Standard nominal flow rate 1650 l/min Pneumatic working port Operating yottage Operating pressure Oz.5 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 Soft ms Overlap Switching time off Overlap Switching time off Overlap Switching time off Oscambar 230V AC 1200 1040 1050	Feature	Value
Width 24 mm Standard nominal flow rate 1650 l/min Pneumatic working port QS-12 Operating voltage 230V AC Operating pressure 0.25 MPa1 MPa 2.5 bar10 bar Structural design Piston gate valve Reset method Mechanical spring Certificate 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 Pessure Piston With flow control option Sealing principle Soft Mounting position Any Manual override Determine Piston Pisto	Valve function	5/3, closed
Standard nominal flow rate Pneumatic working port QS-12 Operating voltage Operating pressure Departing pressure Departing pressure Departing pressure Description and the standard pressure and	Actuation type	Electrical
Pneumatic working port Operating voltage 230V AC Operating pressure 2.5 MPa1 MPa 2.5 bar10 bar Structural design Piston gate valve Reset method Mechanical spring Certification Certification See certificate CE marking (see declaration of conformity) As per EU low voltage directive UKCA 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 Sealing principle Soft Mounting position Manual override Detenting via accessory Non-detenting Type of control Pilot air supply port Internal Flow direction Lap Overlap Switching time off Operating value 25 ms 25 ms On switching time 25 ms	Width	24 mm
Operating voltage Operating pressure Operating pressure O.25 MPa1 MPa 2.5 bar10 bar Structural design Piston gate valve Reset method Mechanical spring Certification CE trusting (see declaration of conformity) Maritime classification See certificate CE marking (see declaration of conformity) To UK instructions for electrical equipment Certificate issuing authority DNV-TAA000032X Degree of protection Pies With plug socket as per IEC 60529 Nominal width 11 mm Exhaust air function Soft Mounting position Any Manual override Detenting via accessory Non-detenting Type of control Pilot air supply port Internal Flow direction Valve position ID Label holder Lap Overlap Switching time Signa Annual control option Soft ms On switching time Soft ms Occurring Some	Standard nominal flow rate	1650 l/min
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
2.5 bar10 bar Structural design Reset method Mechanical spring Certification CUL us - Recognized (OL) Maritime classification CE marking (see declaration of conformity) 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 Detenting via accessory Non-detenting Type of control Pilot air supply port Internal Flow direction Valve position ID Label holder Lap Overlap Switching time off Os ull us - Recognized (OL) Mechanical spring Exhaust air function 2.5 ms	Operating voltage	230V AC
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
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-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 25 ms	Certificate issuing authority	DNV-TAA000032X
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Mounting position Manual override 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 Os switching time 25 ms	Exhaust air function	With flow control option
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 25 ms	Sealing principle	Soft
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 On switching time Switching time Non-detenting Pilot-controlled Non-reversible Label holder Label holder Soms Soms Soms Soms Soms Soms Soms So	Mounting position	Any
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	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 °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