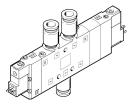
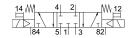
## Air solenoid valve CPE24-M3H-5/3G-QS-10 Part number: 170343







## **Data sheet**

Actuation type  Electrical Width  24 mm  Standard nominal flow rate  1250 I/min  Pneumatic working port  Operating yottage  Operating pressure  Oz5 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)  Degree of protection  Degree of protection  Nominal width  11 mm  Exhaust air function  Sealing principle  Soft  Mounting position  Any  Manual override  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  Overlap  Switching time off  Oxer warding type  1250 VAC  1250 VInin  1250 VINin  1250 VAC  1250 VINIn  1250 VAC	Feature	Value
Width 24 mm  Standard nominal flow rate 1250 l/min  Pneumatic working port QS-10  Operating voltage 230V AC  Operating pressure 0.25 MPa1 MPa 2.5 bar10 bar  Structural design Piston gate valve  Reset method Mechanical spring 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 Pese With plug socket as per IEC 60529  Nominal width 11 mm  Exhaust air function Any  Manual override Soft  Mounting position Any  Manual override Determine The Pilot-controlled Pilot air supply port Internal  Flow direction Non-reversible  Valve position ID Label holder  Soft Sm Sovitching time off Operating Soft Sm S  Switching time off Operating Soft Sm S  Son Switching time off Operating Soft Sm S	Valve function	5/3, closed
Standard nominal flow rate Pneumatic working port QS-10 Operating voltage QS-10 Operating pressure Departing pressure Departing pressure Departing pressure Description and Description Desc	Actuation type	Electrical
Pneumatic working port Operating voltage 230V AC Operating pressure 2.5 bar1 MPa 2.5 bar	Width	24 mm
Operating voltage Operating pressure Operating pressure O.25 MPa1 MPa 2.5 bar10 bar Structural design 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) To UK instructions for electrical equipment Certificate issuing authority DNV-TAA000032X Degree of protection Pfe5 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 controlled Pilot-controlled Pilot controlled Flow direction Non-reversible Valve position ID Label holder Lap Overlap Switching time off On switching time  2 5 ms	Standard nominal flow rate	1250 l/min
Operating pressure  Operating pressure  Operating pressure  O.25 MPa1 MPa 2.5 bar10 bar  Structural design  Reset method  Mechanical spring  Certification  c UL us - Recognized (OL)  Maritime classification  See certificate  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-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	Pneumatic working port	QS-10
2.5 bar10 bar  Structural design  Reset method  Mechanical spring  Certification  c UL us - Recognized (OL)  Maritime classification  See certificate  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  Non-reversible  Valve position ID  Label holder  Overlap  Switching time off  Os u Lu Lu - Recognized (OL)  Mechanical spring  Exhaust air function  Any  Manual override  Detenting via accessory Non-detenting  Type of control  Pilot air supply port  Internal  Flow direction  Valve position ID  Label holder  Overlap  Switching time off  Os witching time  25 ms	Operating voltage	230V AC
Reset method 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 Pictor of the declaration of the	Operating pressure	
Certification culture 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 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 O5 sms	Structural design	Piston gate valve
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  DNV-TAA000032X  Degree of protection  IP65 With plug socket as per IEC 60529  Nominal width  I1 mm  Exhaust air function  Sealing principle  Mounting position  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	Reset method	Mechanical spring
CE marking (see declaration of conformity)  As per EU low voltage directive  UKCA marking (see declaration of conformity)  To UK instructions for electrical equipment  DNV-TAA000032X  Degree of protection  IP65 With plug socket as per IEC 60529  Nominal width  11 mm  Exhaust air function  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  Valve position ID  Label holder  Lap  Overlap  Switching time off  On switching time  25 ms	Certification	c UL us - Recognized (OL)
UKCA marking (see declaration of conformity)  To UK instructions for electrical equipment  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  Os witching time  25 ms	Maritime classification	See certificate
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 Non-reversible  Valve position ID Label holder  Switching time off Os with plug socket as per IEC 60529  DNV-TAA000032X  With plug socket as per IEC 60529  With plug socket as per IEC 60529  Nith plug socket as per IEC 60529  With plug socket as per IEC 60529  Nominal	CE marking (see declaration of conformity)	As per EU low voltage directive
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  25 ms	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
Exhaust air function  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  Overlap  Switching time off  On switching time  With flow control option  With flow control option  Mony  Any  Detenting via accessory Non-detenting  Internal  Pilot-controlled  Pilot-controlled  Politot-controlled  Politot-controlled  Overlap  State of the supply port  Soft  Soft  Overlap  Switching time  25 ms	Degree of protection	With plug socket
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  Oswitching time  25 ms	Nominal width	11 mm
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  55 ms  On 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 55 ms On switching time 25 ms	Mounting position	Any
Pilot air supply port  Flow direction  Non-reversible  Valve position ID  Label holder  Overlap  Switching time off  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  55 ms  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-10
Pneumatic connection 2	QS-10
Pneumatic connection 3	G3/8
Pneumatic connection 4	QS-10
Pneumatic connection 5	G3/8
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum