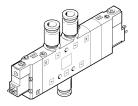
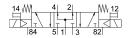
## Solenoid valve CPE24-M3H-5/3B-QS-10 Part number: 170347







## **Data sheet**

Type of actuation Electric Construction width 24 mm Standard nominal flow rate 1250 I/min pneumatic working port QS-10 Operating voltage 230V AC Operating pressure 0.25 MPa1 MPa 2.5 bar10 bar Design Piston gate valve Type of reset Mechanical spring Approval CIL us - Recognized (OL) Maritime classification See certificate CE mark (see declaration of conformity) To EU Low Voltage Directive CE marking (see declaration of conformity) To EU Low Voltage Directive Certificate issuing authority Dony-TAA000032X Degree of protection With plug socket To IEC 60529 Nominal size 11 mm Exhaust-air function Sealing principle Soft Mounting position Optional Manual override Detenting via accessory Non-detenting Type of piloting Pilot air supply Internal Flow direction Incertificate issuine autholer Incertificate issuine authority Dony-Taylouogus accessory Non-detenting Pilot air supply Internal Flow direction Incertificate Incertificate issuine Incertificate issuine authority Description label holder Switching time off Soft mounting time off	Feature	Value
Construction width 24 mm  Standard nominal flow rate 1250 l/min  Operating voltage 230V AC  Operating pressure 2.5 bar10 bar  Design Piston gate valve  Type of reset Mechanical spring  CE mark (see declaration of conformity) To UK regulations for electrical equipment  Certificate issuing authority DNV-TAA000032X  Degree of protection Piese  Nominal size 11 mm  Exhaust-air function With flow control option  Sealing principle Soft  Mounting position Determing Pilot actuated Pilot air supply Internal  Flow direction Non-reversible Inscription label holder lapp  Switching time off  Switching time of  Non-reversible Sons  Switching time of  Soft most Sons  Switching time of  Soft most Sons  Sons  Sons  Sons  Switching time of  Soft most Sons  Sons  Sons  Switching time of  Sons  Sons  Sons  Switching time of  Sons  Sons  Sons  Sons  Switching time of  Sons  Sons  Sons  Sons  Switching time of  Sons  Sons  Sons  Switching time of  Sons  Sons  Sons  Sons  Switching time of  Sons  Sons  Sons  Switching time of  Sons  Son	Valve function	5/3-way, pressurised
Standard nominal flow rate pneumatic working port  Operating voltage  Operating pressure  Operating pressu	Type of actuation	Electric
Operating voltage Operating voltage Operating pressure Operating operation Operating Operation Operating Operating Operating Operation Opera	Construction width	24 mm
Operating voltage Operating pressure Operating voltage	Standard nominal flow rate	1250 l/min
Operating pressure  Operating pressure  Operating pressure  O.25 MPa1 MPa 2.5 bar10 bar  Piston gate valve  Mechanical spring  Approval  CUL us - Recognized (OL)  Maritime classification  See certificate  CE mark (see declaration of conformity)  To EU Low Voltage Directive  CE marking (see declaration of conformity)  To UK regulations for electrical equipment  Certificate issuing authority  DNV-TAA000032X  Degree of protection  IP65 With plug socket To IEC 60529  Nominal size  11 mm  Exhaust-air function  With flow control option  Sealing principle  Soft  Mounting position  Manual override  Detenting via accessory Non-detenting  Pilot actuated  Pilot air supply  Internal  Flow direction  Non-reversible  Valve position code  Inscription label holder  lap  Positive overlap  Switching time off  So ms  Switching time on  2.5 ms	pneumatic working port	QS-10
2.5 bar10 bar  Design Piston gate valve  Type of reset Mechanical spring Approval c UL us - Recognized (OL) Maritime classification See certificate CE mark (see declaration of conformity) To EU Low Voltage Directive CE marking (see declaration of conformity) DNV-TAA000032X  Degree of protection Pefs With plug socket To IEC 60529  Nominal size 11 mm Exhaust-air function With flow control option Sealing principle Soft Mounting position Manual override Detenting via accessory Non-detenting Pilot air supply Internal Flow direction Valve position code Inscription label holder Ilap Positive overlap Switching time off So ms Switching time on 25 ms	Operating voltage	230V AC
Type of reset  Approval  C UL us - Recognized (OL)  Maritime classification  CE mark (see declaration of conformity)  To EU Low Voltage Directive  CE marking (see declaration of conformity)  To UK regulations for electrical equipment  Certificate issuing authority  DNV-TAA000032X  Degree of protection  Protection  Degree of protection  With plug socket To IEC 60529  Nominal size  11 mm  Exhaust-air function  With flow control option  Sealing principle  Mounting position  Manual override  Detenting via accessory Non-detenting  Type of piloting  Pilot actuated  Pilot air supply  Internal  Flow direction  Valve position code  Inscription label holder  lap  Positive overlap  Switching time off  Syms  Switching time on  25 ms	Operating pressure	
Approval c UL us - Recognized (OL)  Maritime classification See certificate  CE mark (see declaration of conformity) To EU Low Voltage Directive  CE marking (see declaration of conformity) To UK regulations for electrical equipment  Certificate issuing authority DNV-TAA000032X  Degree of protection IP65 With plug socket To IEC 60529  Nominal size 11 mm  Exhaust-air function With flow control option  Sealing principle Soft  Mounting position optional  Manual override Detenting via accessory Non-detenting  Type of piloting Pilot actuated  Pilot air supply Internal  Flow direction Non-reversible  Valve position code Inscription label holder  lap Positive overlap  Switching time off S5 ms  Switching time on 25 ms	Design	Piston gate valve
Maritime classification  See certificate  CE mark (see declaration of conformity)  To EU Low Voltage Directive  CE marking (see declaration of conformity)  To UK regulations for electrical equipment  DNV-TAA000032X  Degree of protection  IP65 With plug socket To IEC 60529  Nominal size  11 mm  Exhaust-air function  Sealing principle  Mounting position  Mounting position  Manual override  Detenting via accessory Non-detenting  Type of piloting  Pilot actuated  Pilot air supply  Internal  Flow direction  Valve position code  Inscription label holder  Iap  Positive overlap  Switching time off  Syms  Switching time off  Sims  Switching time off  Sims  See certificate  To EU Low Voltage Directive  With flow control equipment  DNV-TAA000032X  DNV-TAA000032X  Pl65  With plug socket  To IEC 60529  11 mm  Switching time off  See certificate  DNV-TAA000032X  DNV-TAA000032X  Detenting via accessory  Non-detenting  Pilot accusesory  Non-detenting  P	Type of reset	Mechanical spring
CE mark (see declaration of conformity)  To EU Low Voltage Directive  CE marking (see declaration of conformity)  To UK regulations for electrical equipment  DNV-TAA000032X  Degree of protection  IP65 With plug socket To IEC 60529  Nominal size  11 mm  Exhaust-air function  Sealing principle  Mounting position  Manual override  Detenting via accessory Non-detenting  Type of piloting  Pilot actuated  Pilot air supply  Internal  Flow direction  Valve position code  Inscription label holder  lap  Positive overlap  Switching time off  So ms  Switching time on  25 ms  Switching time on  To EU Low Voltage Directive  To EU Low Voltage Directive  To UK regulations for electrical equipment  DNV-TAA000032X	Approval	c UL us - Recognized (OL)
CE marking (see declaration of conformity)  To UK regulations for electrical equipment  DNV-TAA000032X  Degree of protection  IP65 With plug socket To IEC 60529  Nominal size  11 mm  Exhaust-air function  With flow control option  Sealing principle  Mounting position  Manual override  Detenting via accessory Non-detenting  Type of piloting  Pilot actuated  Pilot air supply  Internal  Flow direction  Valve position code Inscription label holder  lap  Positive overlap  Switching time off  55 ms  Switching time on  25 ms	Maritime classification	See certificate
Degree of protection IP65 With plug socket To IEC 60529  Nominal size 11 mm  Exhaust-air function With flow control option  Sealing principle Soft Mounting position optional  Manual override Detenting via accessory Non-detenting  Type of piloting Pilot actuated Pilot act uated Pilot air supply Internal Flow direction Non-reversible Valve position code Inscription label holder  lap Positive overlap  Switching time off 55 ms  Switching time on 25 ms	CE mark (see declaration of conformity)	To EU Low Voltage Directive
Degree of protection  IP65 With plug socket To IEC 60529  Nominal size  11 mm  Exhaust-air function With flow control option  Sealing principle Soft  Mounting position Optional  Manual override Detenting via accessory Non-detenting  Type of piloting Pilot actuated Pilot air supply Internal Flow direction Non-reversible Valve position code Inscription label holder  lap Positive overlap  Switching time off S ms Switching time on  IP65 With plug socket To IEC 60529  Internal Internal Internal Internal Internal Internal Inscription label holder Inscription label holder  25 ms	CE marking (see declaration of conformity)	To UK regulations for electrical equipment
With plug socket To IEC 60529  Nominal size 11 mm  Exhaust-air function With flow control option  Sealing principle Soft  Mounting position optional  Manual override Detenting via accessory Non-detenting  Type of piloting Pilot actuated  Pilot air supply Internal  Flow direction Non-reversible  Valve position code Inscription label holder  lap Positive overlap  Switching time off 55 ms  Switching time on 25 ms	Certificate issuing authority	DNV-TAA000032X
Exhaust-air function  Sealing principle  Soft  Mounting position  Manual override  Detenting via accessory Non-detenting  Type of piloting  Pilot actuated  Pilot air supply  Internal  Flow direction  Non-reversible  Valve position code  Inscription label holder  lap  Switching time off  Soft  With flow control option  With flow control option  Optional  Internal  Positive overlap  Soft  Soft  Optional  Detenting via accessory Non-detenting  Pilot actuated  Internal  Non-reversible  Valve position code  Inscription label holder  Soft	Degree of protection	With plug socket
Sealing principle  Mounting position  Manual override  Detenting via accessory Non-detenting  Type of piloting  Pilot actuated  Pilot air supply  Internal  Flow direction  Valve position code  Inscription label holder  Iap  Positive overlap  Switching time off  Soft  Optional  Detenting via accessory Non-detenting  Pilot actuated  Internal  Non-reversible  Valve position code  Inscription label holder  25 ms	Nominal size	11 mm
Mounting position optional  Manual override Detenting via accessory Non-detenting  Type of piloting Pilot actuated  Pilot air supply Internal  Flow direction Non-reversible  Valve position code Inscription label holder  lap Positive overlap  Switching time off 55 ms  Switching time on 25 ms	Exhaust-air function	With flow control option
Manual override  Detenting via accessory Non-detenting  Type of piloting  Pilot actuated  Pilot air supply  Internal  Non-reversible  Valve position code  Inscription label holder  lap  Positive overlap  Switching time off  55 ms  Switching time on  25 ms	Sealing principle	Soft
Non-detenting Type of piloting Pilot actuated Pilot air supply Internal Flow direction Non-reversible Valve position code Inscription label holder lap Positive overlap Switching time off 55 ms Switching time on 25 ms	Mounting position	optional
Pilot air supply  Flow direction  Non-reversible  Valve position code  Inscription label holder  Positive overlap  Switching time off  55 ms  Switching time on  25 ms	Manual override	
Flow direction  Non-reversible  Valve position code  Inscription label holder  lap  Positive overlap  Switching time off  55 ms  Switching time on  25 ms	Type of piloting	Pilot actuated
Valve position code Inscription label holder lap Positive overlap Switching time off 55 ms Switching time on 25 ms	Pilot air supply	Internal
Positive overlap Switching time off 55 ms Switching time on 25 ms	Flow direction	Non-reversible
Switching time off 55 ms Switching time on 25 ms	Valve position code	Inscription label holder
Switching time on 25 ms	lap	Positive overlap
	Switching time off	55 ms
Duty cycle 100%	Switching time on	25 ms
	Duty cycle	100%

Feature	Value
Max. positive test pulse with 0 signal	3300 μs
Max. negative test pulse with 1 signal	3100 µs
Characteristic coil data	230 V AC: 50/60 Hz, pick-up power 3.0 VA, holding power 2.4 VA
Permissible voltage fluctuations	-15%/+10%
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Vibration resistance	Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	-5 °C50 °C
Ambient temperature	-5 °C50 °C
Electrical connection	Туре С
Type of mounting	With through-hole
Pilot exhaust port 82	M5
Pilot exhaust port 84	M5
Pilot air port 12	M5
Pilot air port 14	M5
Pneumatic connection, port 1	QS-10
Pneumatic connection, port 2	QS-10
Pneumatic connection, port 3	G3/8
Pneumatic connection, port 4	QS-10
Pneumatic connection, port 5	G3/8
Note on materials	RoHS-compliant
Material seals	NBR
Material housing	Die-cast aluminium