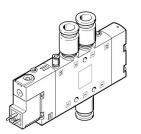
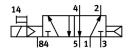
Air solenoid valve CPE18-M2H-5L-QS-8 Part number: 163770

FESTO





General operating condition

	т 🖜		п	\mathbf{a}	_	п
υa	La	. J		C	C	U
						1

Certificate issuing authority DNV-TAA000032X UL MH19482 Degree of protection IP65 With plug socket as per IEC 60529 Nominal width Exhaust air function With flow control op Sealing principle Soft Mounting position Any Manual override Detenting via access Non-detenting Type of control Pilot-controlled Pilot air supply port Internal Flow direction Non-reversible Symbol Valve position ID Label holder	directive	
Width 18 mm Standard nominal flow rate 850 l/min Pneumatic working port QS-8 Operating voltage 110V AC Operating pressure 0.25 MPa 1 MPa Operating pressure 2.5 bar 10 bar Structural design Piston gate valve Piston gate valve Reset method Pneumatic spring Certification c UL us - Recognized As per EU low voltage UKCA marking (see declaration of conformity) As per EU low voltage UKCA marking (see declaration of conformity) To UK instructions for Certificate issuing authority UNY-TAA000032X UL MH19482 Degree of protection Pi65 With plug socket as per IEC 60529 Nominal width 8 mm Exhaust air function With flow control op Sealing principle Soft Mounting position Any Manual override Detenting via access Non-detenting Type of control Pilot controlled Pilot air supply port Internal Flow direction Non-reversible Symbol Valve position ID	directive	
Standard nominal flow rate Pneumatic working port QS-8 Operating voltage 110V AC Operating pressure 0.25 MPa 1 MPa Operating pressure 2.5 bar 10 bar Structural design Reset method Pneumatic spring Certification CE marking (see declaration of conformity) As per EU low voltag UKCA marking (see declaration of conformity) To UK instructions for Certificate issuing authority DNV-TAA000032X UL MH19482 Degree of protection Pf65 With plug socket as per IEC 60529 Nominal width Remain function Sealing principle Soft Mounting position Manual override Detenting via access Non-detenting Type of control Pilot air supply port Internal Flow direction Non-reversible Symbol Valve position ID Label holder	directive	
Pneumatic working port Operating voltage Operating pressure Occidental pressure Operating pressure Operating pressure Operating pressure 2.5 bar 10 bar Structural design Reset method Pneumatic spring Certification Cull us - Recognized Maritime classification See certificate CE marking (see declaration of conformity) As per EU low voltag UKCA marking (see declaration of conformity) To UK instructions for Certificate issuing authority DNV-TAA000032X UL MH19482 Degree of protection IP65 With plug socket as per IEC 60529 Nominal width Exhaust air function Sealing principle Soft Mounting position Any Manual override Detenting via access Non-detenting Type of control Pilot controlled Pilot air supply port Internal Flow direction Non-reversible Symbol Valve position ID	directive	
Operating voltage 110V AC Operating pressure 0.25 MPa 1 MPa Operating pressure 2.5 bar 10 bar Structural design Piston gate valve Reset method Pneumatic spring Certification c UL us - Recognized Maritime classification See certificate CE marking (see declaration of conformity) As per EU low voltag UKCA marking (see declaration of conformity) To UK instructions for Certificate issuing authority DNV-TAA000032X UL MH19482 Degree of protection IP65 With plug socket as per IEC 60529 With flow control op Nominal width 8 mm Exhaust air function With flow control op Sealing principle Soft Mounting position Any Manual override Detenting via access Non-detenting Type of control Pilot-controlled Pilot air supply port Internal Flow direction Non-reversible Symbol 00991023 Valve position ID Label holder	directive	
Operating pressure 0.25 MPa 1 MPa Operating pressure 2.5 bar 10 bar Structural design Piston gate valve Reset method Pneumatic spring Certification c UL us - Recognized Maritime classification See certificate CE marking (see declaration of conformity) As per EU low voltag UKCA marking (see declaration of conformity) To UK instructions for Certificate issuing authority DNV-TAA000032X UL MH19482 Degree of protection IP65 With plug socket as per IEC 60529 Nominal width 8 mm Exhaust air function With flow control op Sealing principle Soft Mounting position Any Manual override Detenting via access Non-detenting Type of control Pilot-controlled Pilot air supply port Internal Flow direction Non-reversible Symbol 00991023 Valve position ID Label holder	directive	
Operating pressure Structural design Reset method Piston gate valve Reset method Pneumatic spring Certification CE UL us - Recognized Maritime classification See certificate CE marking (see declaration of conformity) UKCA marking (see declaration of conformity) To UK instructions for DNV-TAA000032X UL MH19482 Degree of protection Degree of protection Find the plug socket as per IEC 60529 Nominal width Exhaust air function See tertificate UKCA marking (see declaration of conformity) DNV-TAA000032X UL MH19482 Degree of protection With plug socket as per IEC 60529 Nominal width Exhaust air function With flow control op Sealing principle Soft Mounting position Any Manual override Detenting via access Non-detenting Type of control Pilot-controlled Pilot air supply port Internal Flow direction Non-reversible Symbol O0991023 Valve position ID	directive	
Structural design Reset method Reset method Certification Culus - Recognized Maritime classification See certificate CE marking (see declaration of conformity) UKCA marking (see declaration of conformity) To UK instructions for Certificate issuing authority DNV-TAA000032X UL MH19482 Degree of protection IP65 With plug socket as per IEC 60529 Nominal width Exhaust air function Sealing principle Soft Mounting position Manual override Detenting via access Non-detenting Type of control Pilot-controlled Pilot air supply port Internal Flow direction Non-reversible Symbol Valve position ID Label holder	directive	
Reset method Certification Cull us - Recognized Maritime classification See certificate CE marking (see declaration of conformity) UKCA marking (see declaration of conformity) To UK instructions for Certificate issuing authority DNV-TAA000032X UL MH19482 Degree of protection IP65 With plug socket as per IEC 60529 Nominal width 8 mm Exhaust air function With flow control op Sealing principle Soft Mounting position Any Manual override Detenting via access Non-detenting Type of control Pilot-controlled Pilot air supply port Internal Flow direction Non-reversible Symbol Valve position ID Label holder	directive	
Certification c UL us - Recognized Maritime classification See certificate CE marking (see declaration of conformity) As per EU low voltag UKCA marking (see declaration of conformity) To UK instructions for Certificate issuing authority DNV-TAA000032X UL MH19482 Degree of protection IP65 With plug socket as per IEC 60529 Nominal width 8 mm Exhaust air function With flow control op Sealing principle Soft Mounting position Any Manual override Detenting via access Non-detenting Type of control Pilot-controlled Pilot air supply port Internal Flow direction Non-reversible Symbol O0991023 Valve position ID Label holder	directive	
Maritime classification CE marking (see declaration of conformity) As per EU low voltage UKCA marking (see declaration of conformity) To UK instructions for Certificate issuing authority DNV-TAA000032X UL MH19482 Degree of protection IP65 With plug socket as per IEC 60529 Nominal width Exhaust air function Sealing principle Soft Mounting position Any Manual override Detenting via access Non-detenting Type of control Pilot-controlled Pilot air supply port Internal Flow direction See certificate See certificate As per EU low voltage DNV-TAA000032X UL MH19482 Detyre of Soft With plug socket as per IEC 60529 Nominal width 8 mm Exhaust air function Detenting via access Non-detenting Type of control Pilot-controlled Pilot air supply port Internal Flow direction Non-reversible Symbol Valve position ID Label holder	directive	
CE marking (see declaration of conformity) UKCA marking (see declaration of conformity) To UK instructions for Certificate issuing authority DNV-TAA000032X UL MH19482 Degree of protection IP65 With plug socket as per IEC 60529 Nominal width 8 mm Exhaust air function Weith flow control op Sealing principle Soft Mounting position Any Manual override Detenting via access Non-detenting Type of control Pilot-controlled Pilot air supply port Internal Flow direction Non-reversible Symbol Valve position ID Label holder		
UKCA marking (see declaration of conformity) Certificate issuing authority DNV-TAA000032X UL MH19482 Degree of protection IP65 With plug socket as per IEC 60529 Nominal width 8 mm Exhaust air function With flow control op Sealing principle Soft Mounting position Any Manual override Detenting via access Non-detenting Type of control Pilot-controlled Pilot air supply port Internal Flow direction Non-reversible Symbol Valve position ID Label holder		
Certificate issuing authority DNV-TAA000032X UL MH19482 Degree of protection IP65 With plug socket as per IEC 60529 Nominal width 8 mm Exhaust air function With flow control op Sealing principle Soft Mounting position Any Manual override Detenting via access Non-detenting Type of control Pilot-controlled Pilot air supply port Internal Flow direction Non-reversible Symbol Valve position ID Label holder	alactrical aquipment	
Degree of protection IP65 With plug socket as per IEC 60529 Nominal width Exhaust air function With flow control op Sealing principle Soft Mounting position Any Manual override Detenting via access Non-detenting Type of control Pilot-controlled Pilot air supply port Internal Flow direction Non-reversible Symbol Valve position ID Label holder	To UK instructions for electrical equipment	
With plug socket as per IEC 60529 Nominal width 8 mm Exhaust air function With flow control op Sealing principle Soft Mounting position Any Manual override Detenting via access Non-detenting Type of control Pilot-controlled Pilot air supply port Internal Flow direction Non-reversible Symbol 00991023 Valve position ID Label holder		
Exhaust air function Sealing principle Soft Mounting position Any Manual override Detenting via access Non-detenting Type of control Pilot-controlled Pilot air supply port Internal Flow direction Non-reversible Symbol Valve position ID With flow control op With flow control op Any Any Detenting via access Non-detenting Pilot-controlled Internal Non-reversible Symbol Label holder	With plug socket	
Sealing principle Soft Mounting position Any Manual override Detenting via access Non-detenting Type of control Pilot-controlled Pilot air supply port Internal Flow direction Non-reversible Symbol Valve position ID Label holder	8 mm	
Mounting position Any Manual override Detenting via access Non-detenting Type of control Pilot-controlled Pilot air supply port Internal Flow direction Non-reversible Symbol Valve position ID Label holder	on	
Manual override Detenting via access Non-detenting Type of control Pilot-controlled Pilot air supply port Internal Flow direction Non-reversible Symbol O0991023 Valve position ID Label holder		
Non-detenting Type of control Pilot-controlled Pilot air supply port Internal Flow direction Non-reversible Symbol O0991023 Valve position ID Label holder		
Pilot air supply port Internal Flow direction Non-reversible Symbol 00991023 Valve position ID Label holder	ory	
Flow direction Non-reversible Symbol 00991023 Valve position ID Label holder		
Symbol 00991023 Valve position ID Label holder		
Valve position ID Label holder		
Lap Overlap		
Switching time off 20 ms		
On switching time 26 ms		
Duty cycle 100%		
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,		

Feature	Value		
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		
Ambient temperature	-5 °C 50 °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-8		
Pneumatic connection 2	QS-8		
Pneumatic connection 3	G1/4		
Pneumatic connection 4	QS-8		
Pneumatic connection 5	G1/4		
Note on materials	RoHS-compliant		
Seals material	NBR		
Housing material	Die-cast aluminum		