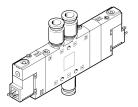
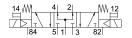
Solenoid valve CPE18-M3H-5/3B-QS-10 Part number: 170335







Data sheet

Type of actuation Electric Construction width 18 mm Standard nominal flow rate 1000 l/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 Ctll 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 Degree of protection Pfe5 With plug socket To IEC 60529 Nominal size 8 mm Exhaust-air function With flow control option Sealing principle Soft Mounting position optional Manual override Determine Pilot actuated Pilot air supply Internal Flow direction Non-reversible Valve position code Inscription label holder Inscription label holder Switching time of Som Source 1000 Non-reversible Switching time of Source 1000 Non-reversible	Feature	Value
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Standard nominal flow rate pneumatic working port QS-10 Operating voltage 230V AC Operating pressure 2.5 bar10 bar Design Piston gate valve Type of reset Mechanical spring Approval CLU. s- Recognized (OL) Maritime classification See certificate CE mark (see declaration of conformity) To EU Low Voltage Directive CE mark (see declaration of conformity) To UK regulations for electrical equipment Certificate issuing authority DNV-TAA000032X Degree of protection PF65 With plug socket To IEC 60529 Nominal size 8 mm Exhaust-air function With flow control option Sealing principle Soft Mounting position optional Manual override Determine Pilot accused Pilot	Type of actuation	Electric
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Flow direction Non-reversible Valve position code Inscription label holder lap Positive overlap Switching time off 38 ms Switching time on 20 ms	Type of piloting	Pilot actuated
Valve position code Inscription label holder lap Positive overlap Switching time off 38 ms Switching time on 20 ms	Pilot air supply	Internal
Positive overlap Switching time off 38 ms Switching time on 20 ms	Flow direction	Non-reversible
Switching time off 38 ms Switching time on 20 ms	Valve position code	Inscription label holder
Switching time on 20 ms	lap	Positive overlap
	Switching time off	38 ms
Duty cycle 100%	Switching time on	20 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	Type C
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	G1/4
Pneumatic connection, port 4	QS-10
Pneumatic connection, port 5	G1/4
Note on materials	RoHS-compliant
Material seals	NBR
Material housing	Die-cast aluminium