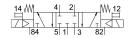
Solenoid valve CPE24-M3H-5/3G-3/8 Part number: 170337







Data sheet

Type of actuation Electric Construction width 24 mm Standard nominal flow rate 3000 l/min Deperating voltage 230V AC Operating pressure 0.25 MPa1 MPa 2.5 bar10 bar Design Piston gate valve Type of reset Approval 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 Degree of protection With plug socket To IEC 60529 Nominal size 11 mm Exhaust-air function Sealing principle Soft Mounting position Manual override Detenting via accessory Non-detenting Type of piloting Pilot actuated Inscription label holder Inscription label holder Ilap Positive overlap Switching time off Sym Switching time off Sym Suitching time off Sym Sim Sim Sim Sim Sim Sim Sim Sim Sim Si	Feature	Value
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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
Product weight	430 g
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	G3/8
Pneumatic connection, port 2	G3/8
Pneumatic connection, port 3	G3/8
Pneumatic connection, port 4	G3/8
Pneumatic connection, port 5	G3/8
Note on materials	RoHS-compliant
Material seals	NBR
Material housing	Die-cast aluminium