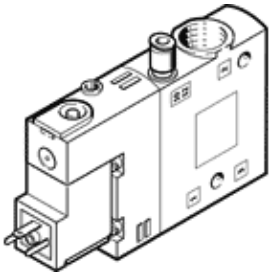
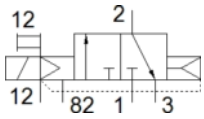
Solenoid valve
CPE24-M1H-3GLS-3/8

Part number: 163169

This type is suitable for vacuum.
High component density





Data sheet

Feature	values
Valve function	3/2 closed, monostable
Type of actuation	electrical
Width	24 mm
Standard nominal flow rate	2,500 l/min
Working pressure	-0.9 ... 10 bar
Design structure	Piston slide
Type of reset	Air spring
Protection class	IP65 to IEC 60529 with plug socket
Authorization	Germanischer Lloyd c UL us - Recognized (OL)
Nominal size	11 mm
Sealing principle	soft
Assembly position	Any
Manual override	with accessories, detenting Pushing
Type of piloting	Piloted
Pilot air supply	external
Flow direction	non reversible
Valve position identification	Label holder
Freedom from overlap	Yes
Note on forced dynamisation	Switching frequency at least once a week
Pilot pressure	2.5 ... 10 bar
Switching time off	33 ms
Switching time on	50 ms
Duty cycle	100%
Max. positive test pulse with logic 0	3,300 µs
Max. negative test pulse with logic 1	3,100 µs
Characteristic coil data	24 V DC: 1.5 W
Permissible voltage fluctuation	-15 % / +10 %
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Vibration resistance	Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Corrosion resistance classification CRC	2
Medium temperature	-5 ... 50 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-5 ... 50 °C
Product weight	220 g

Feature	values
Electrical connection	Design C
Mounting type	with through hole
Pilot exhaust port 82	M5
Pilot air port 12	M5
Pneumatic connection, port 1	G3/8
Pneumatic connection, port 2	G3/8
Pneumatic connection, port 3	G3/8
Materials note	Conforms to RoHS
Materials information for seals	NBR
Materials information, housing	Aluminum die cast