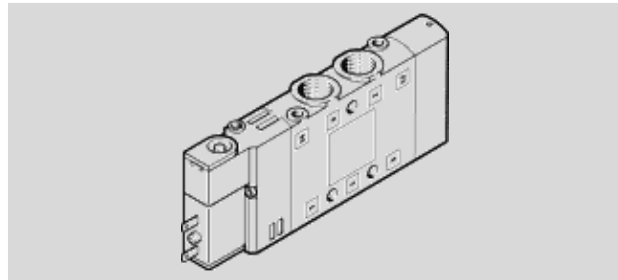
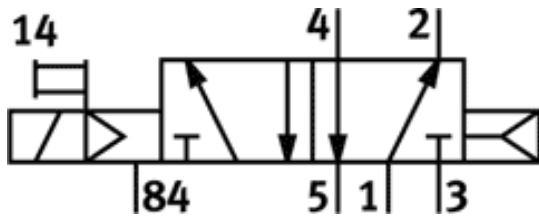


# Data sheet: Solenoid valve CPE14-M1BH-5L-1/8 – #196941

Function



Feature	values
Valve function	5/2 monostable
Type of actuation	electrical
Width	14 mm
Standard nominal flow rate	800 l/min
Operating pressure	3 ... 8 bar
Design structure	Piston slide
Type of reset	Air spring
Protection class	IP65 with plug socket to IEC 60529
Authorisation	Germanischer Lloyd c UL us - Recognized (OL)
Nominal size	6 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	with accessories, detenting Pushing
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	reversible
Valve position identification	Inscription label holder
Switching time off	32 ms
Switching time on	24 ms
Duty cycle	100% with holding current reduction
Characteristic coil data	24V DC: 1,28W
Permissible voltage fluctuation	-15 % / +10 %
Operating medium	Filtered compressed air, grade of filtration 40 µm, lubricated or unlubricated
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2
Medium temperature	-5 ... 50 °C
Ambient temperature	-5 ... 50 °C
Product weight	95 g
Electrical connection	2-pin
Mounting type	with through hole
Pilot exhaust port 82	M3
Pilot exhaust port 84	M3
Pilot air port 12	M3
Pilot air port 14	M3
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	G1/8
Pneumatic connection, port 3	G1/8

Feature	values
Pneumatic connection, port 4	G1/8
Pneumatic connection, port 5	G1/8
Materials note	Conforms to RoHS
Materials information for seals	NBR
Materials information, housing	Aluminium die cast