



Solenoid valve CPE14-M1BH-5L-1/8 196941

URL:<https://www.sxplc.com/solenoid-valve-cpe14-m1bh-5l-1-8-196941>

Product data sheet

Valve function

Two position five way, monostable state

Driving method

Electric control

width

14 mm

Standard rated flow (standardized according to DIN 1343)

800 l/min

Working air port

G1/8

working voltage

24V DC

working pressure

0.3 Mpa ... 0.8 Mpa

working pressure

3 bar ... 8 bar

Structural characteristics

Piston gate valve

Reset type

Pneumatic spring

authentication

C UL us - Certified (OL)

Maritime classification

See certificate

Certificate issuing authority

DNV-TAA000032X

UL MH19482

Protection level

IP65

With plug-in socket

Complies with IEC 60529 standard

Nominal diameter

6 mm

Exhaust function

With throttling options

Sealing principle

Soft sealing

Installation location

Optional

Manual control device

Lock through attachments

Button type

Leading type

Pilot driven

Pilot gas source

Inner leader

flow to

Irreversibility

Symbol

00991023

Valve position code

Label clip

Overlap

Positive overlap

Closing time

32 ms

Open time

24 ms

Continuous power on rate

100% while maintaining current drop

Maximum forward test pulse of 0 signal

1200 μ s

Maximum negative test pulse with signal 1

900 μ s

Characteristic parameters of the coil

24 V DC: 1.28 W

Permissible voltage fluctuations

-15%/+10%

Working medium

Compressed air, in accordance with ISO 8573-1:2010 [7:4:4]

Description of Work and Pilot Media

Can work with lubricating medium (must continue to work with lubricating medium thereafter)

Vibration resistance

Transport application testing, severity level 2, in compliance with FN 942017-4 and EN 60068-2-6

Impact resistance

Impact test, severity level 2, in accordance with FN 942017-5 and EN 60068-2-27

Corrosion resistance grade CRC

2- Moderate corrosion resistance

Paint Wetting Defect Substance (PWIS) Compliance

VDMA24364-B1/B2-L

Medium temperature

-5 °C ... 50 °C

ambient temperature

-5 °C ... 50 °C

Product weight

95 g

Electrical interface

2 needles

Installation method

With through-hole

Pilot exhaust port 82

M3

Pilot exhaust port 84

M3

Pilot air port 12

M3

Pilot air port 14

M3

Air interface, air port 1

G1/8

Air interface, air port 2

G1/8

Air interface, air port 3

G1/8

Air interface, air port 4

G1/8

Air interface, air port 5

G1/8

Material Description

RoHS compliance

Sealing material

NBR

Shell material

