



Vacuum generator VADMI-200-P

162532

URL:<https://www.sxplc.com/vacuum-generator-vadmi-200-p-162532>

Product data sheet

Nominal diameter of Laval nozzle

2 mm

Grid size

22 mm

Silencer design

Normally closed

Installation location

Optional

Ejector features

High vacuum degree

Filter level

$\leq 40 \mu\text{m}$

Manual control device

Button type

Integrated functionality

Electronic control injection pulse valve

throttle

Electric control switch valve

filter

One-way valve

vacuum switch

Measured variables

Relative pressure

measuring principle

Piezoresistive type

Switching element function

Normally open contact

Switch function

Threshold comparator

Symbol

00991306

Valve function

close

Reverse polarity protection

Suitable for all electrical connections

Display type

LED

Hysteresis setting range

-0.05 Mpa ... - 0.005 Mpa

Set range delay

-0.5 bar ... - 0.05 bar

Set range delay

-7.25 psi ... - 0.725 psi

set an option

Potentiometer

Switch status indication

optics

Threshold setting range

-0.09 Mpa ... 0 Mpa

Threshold setting range

-0.9 bar ... 0 bar

Threshold setting range

-13.05 psi ... 0 psi

working pressure

0.2 Mpa ... 0.8 Mpa

working pressure

2 bar ... 8 bar

working pressure

29 psi ... 116 psi

Maximum vacuum degree

85 %

Rated working pressure

0.6 Mpa

Nominal working pressure

6 bar

Rated working pressure

87 psi

Maximum overload pressure

5 bar

Air source time with jet pulse and at rated working pressure

0.15 s

Working voltage range DC

21.6 V ... 26.4 V

Continuous power on rate

100%

Switch output

PNP

authentication

RCM trademark

C UL us - Certified (OL)

CE certification (see declaration of conformity)

Compliant with EU Electromagnetic Compatibility Directive

CE marking (see declaration of conformity)

Compliant with UK EMC Directive

Working medium

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

Description of Work and Pilot Media

Not working with lubricating media

Corrosion resistance grade CRC

2- Moderate corrosion resistance

Paint Wetting Defect Substance (PWIS) Compliance

VDMA24364-B1/B2-L

Medium temperature

0 °C ... 60 °C

Protection level

IP65

ambient temperature

0 °C ... 50 °C

Product weight

360 g

Pressure measurement range

0 Mpa ... 0.1 Mpa

Pressure measurement range

0 bar ... 1 bar

Pressure measurement range

0 psi ... 14.5 psi

Electrical interface

4 needles

M8x1

Plug

Installation method

or

With through-hole

Installation through internal threads

Air interface, air port 1

G1/4

Air interface, air port 3

Integrated silencer

Vacuum interface

G3/8

Material Description

RoHS compliance

Sealing material

NBR

Material of intake nozzle

Nickel plated brass

Filter material

PA

Filter housing material

PC

Shell material

Refined aluminum alloy

Muffler material

PE

POM

Piston material

POM

Emitter nozzle material

Nickel plated brass

