



BCCP100E_ES



Compatible with
BCVIP4
et BCVIP8



Compatible with
BCVIP12



Compatible with
BCVILP16

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Electrical Energy Saving kit

This kit is intended to monitor the consumption of compressed air on the BCVIP4, BCVIP8, BCVIP12 and BCVILP16 multistage ejectors.

This kit includes :

- 1/4 banjo fitting
- BCSP100E electric pressure switch
- 1/4 " - 24 VDC solenoid valve

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Pneumatic Energy Saving kit

This kit is intended to monitor the consumption of compressed air on the BCVIP4, BCVIP8, BCVIP12 and BCVILP16 multistage ejectors.

This kit includes :

- 1/4 banjo fitting
- pneumatic pressure switch N.O. (BCSP100NO_ES) or N.C. (BCSP100NC_ES)

Electric Vacuum Switch - BCSP100E

The PSE100E series vacuum switch with electric output allows the vacuum level in the system to be checked by means of a patented system.

- It is adapted to all electrical automated systems.
- The choice between the N.O. or N.C. function is made during wiring.

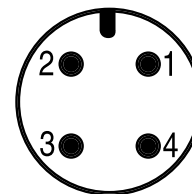
Spécifications

Compatible fluids	All non-corrosive gases
Switching power	250 V - 5 A with cable 125 V - 3 A with M12 connector
Electrical connection	M12 female connector or 3 wire PVC cable, length 2 m
Adjustment range	-300 mb to -850 mb
Precision	3%
Hysteresis	125 mb
Repetitivity	< 3% of the whole range
Maximum speed	30 cycles per minute
Permissible overpressure	2 bar (destructive at 5 bar)
Mechanical endurance	5 x 10 ⁶ operations
Materials	Body: Polyacetal Vacuum sensor: nitrile membrane
Protection	IP 54 with hollow shaft connected IP 40 without this fitting
Weight	165 g
Temperature	-10 °C to 80 °C / 14 °F to 176 °F



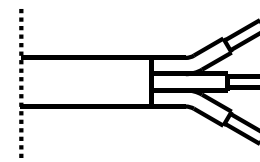
Electrical Connection

M12 connector



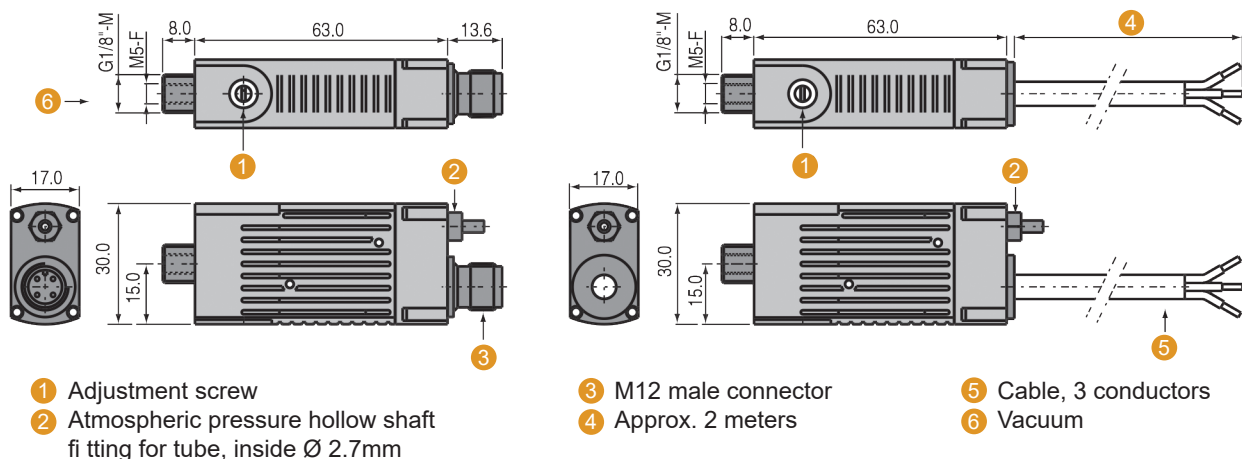
- 1 : Common
- 2 : NO Contact
- 3 : -
- 4 : NC Contact

PVC cable (length 2m)



- Brown: Common
- White: NO Contact
- Black: NC Contact

Dimensions (mm)



Pneumatic Vacuum Switch - BCSP100P

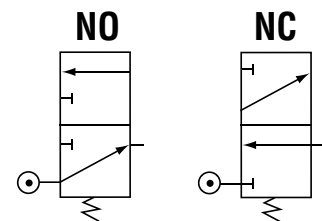
The PSE 100 P series vacuum switch with pneumatic output allows the vacuum level in the system to be checked by means of a patented system. This vacuum switch exists in two versions: NO version recommended for the «air saving» function on a venturi and NC version for the «safety» function (object detected, etc.) and “SFC signal”



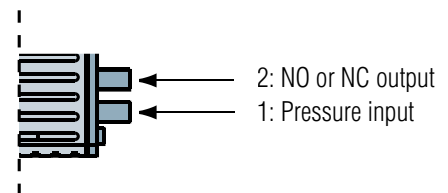
Spécifications

Models	Two versions: NO and NC
Compatible fluids	All non-corrosive gases
Pressure	2 to 6 bar
Adjustment range	-300 mb to -850 mb
Precision	3%
Hysteresis	80 to 100 mb
Repetitivity	< 3% of the whole range
Maximum speed	30 cycles per minute
Permissible overpressure	2 bar (destructive at 5 bar)
Mechanical endurance	5 x 10 ⁶ operations
Materials	Body: Polyacetal Vacuum sensor: nitrile membrane
Weight	32 g
Temperature	-10 °C to 80 °C / 14 °F to 176 °F
Flow rate at 6 bar	70 NI/min

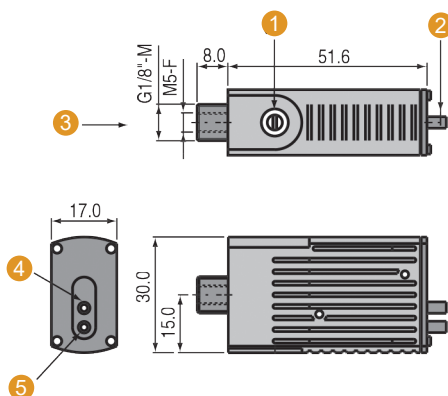
Models



Pneumatic connection



Encombremments (en mm)



- 1 Vacuum threshold - Adjustment screw
- 2 Hollow shaft for tube, inside Ø 2.7 mm
- 3 Vacuum
- 4 NO or NC output
- 5 Pressure input