

# Vacuum Switches

## SZ-01BSV / SZ-01BSVW



### Features

- Adopting a SUS316L bellows as a pressure sensing element realizes highly accurate response to vacuum.
- The vacuum switches are applicable to vacuum pressures range from 2.7kPaVac to 100 kPaVac. The proof pressure of the positive pressure side is 150kPa.
- The micro switch is selectable from a SPDT standard rating type, a micro-load type (for 24V DC), and a sealed type (environment resistance). In addition, a DPDT contact micro switch is also available. \* Refer to page 56 for details.
- CCC, UL and CSA approved  
(Please note that UL or CSA approved switches are not available for the devices equipped with a SPDT micro-load contact, a sealed contact and a DPDT contact. CCC certified switches is not available for the with pilot lamps.)

Type of Micro Switches	Models	Range MIN. : Minimum setting point of falling vacuum pressure. MAX. : Maximum setting point of rising vacuum pressure. kPaVac (mmHgV) MIN. - MAX.	Differential (Dead Band) The switch is activated on increasing vacuum pressure. kPaVac (mmHgV) MIN. - MAX.	Rated Pressure Maximum Pressure in Continuous Use kPaVac (mmHgV)	Proof Pressure (Positive Pressure) kPa (kgf/cm <sup>2</sup> )
SPDT	SZ-01BSV	2.7-100 (20-760)	3.3-33 (25-250)	100 (760)	150 (1.5)
DPDT	SZ-01BSVW	2.7-100 (20-760)	3.3-33 (25-250)	100 (760)	150 (1.5)

- Fixed differential (dead band) models are available for each type equipped with SPDT or DPDT micro switch.
- The differential (dead band) of the fixed differential (dead band) type is less than or equal to the minimum value of the adjustable differential (dead band) models.
- Only stainless steel bellows is available.
- The set point must be within the range.

SZ-01BSV

Mass : approx. 1.08kg

