

Vacuum-Differential Pressure Switches

SZ-01BSD (SPDT) / SZ-01BSDW (DPDT)



Features

- The vacuum-differential pressure switch detects pressure difference between two pressures within vacuum range.
- A SUS316L bellows is adopted as a pressure sensing element.
- The vacuum-differential pressure switches are applicable to vacuum pressures range from 2.7kPaVac to 100kPaVac. 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 approved

Type of Micro Switches	Models	Range kPaVac (mmHgV)	Sensitivity (Dead Band) The switch is activated on increasing differential pressure. kPaVac (mmHgV)	Differential Pressure Range The switch is reset on decreasing differential pressure. kPaVac (mmHgV)	Rated Pressure Maximum Pressure in Continuous Use, kPaVac (mmHgV)	Proof Pressure (Positive Pressure) kPa (kgf/cm ²)
		MIN. - MAX.	MIN. - MAX.	MIN. - MAX.		
SPDT	SZ-01BSD	2.7-100 (20-760)	3.3-15 (25-112)	0-40 (0-300)	100 (760)	150 (1.5)
DPDT	SZ-01BSDW	2.7-100 (20-760)	3.3-15 (25-112)	0-40 (0-300)	100 (760)	150 (1.5)

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

SZ-01BSD

Mass : approx. 1.45kg

