

Low Pressure Switches (Diaphragm Actuator)

SZ1/4D (SPDT) / SZ1/4DW (DPDT)



Features

- The low pressure switches can be used within very low range of 3 to 25kPa.
- A nitrile rubber is adopted as a pressure sensing element.
- The low pressure switches can be used for various pressure medium such as air, water, oil, gases and steam.
- 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
(Please note that CCC certified switches is not available for the with pilot lamps).

Type of Micro Switches	Models	Range MIN. : Minimum setting point of falling pressure. MAX. : Maximum setting point of rising pressure. kPa (kgf/cm ²) MIN. - MAX.	Differential (Dead Band) Add to the Range Value kPa (kgf/cm ²) MIN. - MAX.	Rated Pressure Maximum Pressure in Continuous Use kPa (kgf/cm ²)	Proof Pressure kPa (kgf/cm ²)
SPDT	SZ1/4D	3-25 (0.03-0.25)	1.5-9 (0.015-0.09)	25 (0.25)	300 (3)
DPDT	SZ1/4DW	3-25 (0.03-0.25)	2-9 (0.02-0.09)	25 (0.25)	300 (3)

- 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.
- The set point must be within the range.

SZ1/4D

Mass : approx. 1.87kg

