

Explosion-proof Pressure Switches (Diaphragm Actuator)

TEX□-Z□□□□D



Features

- The explosion-proof pressure switches have adopted a nitrile rubber diaphragm as the pressure sensing element.
- The pressure switches can be used for various pressure medium such as air, water, oil, gases and steam.
- The pressure switches are applicable to pressure ranging from 0.005 to 1.8MPa.
- The micro switch is selectable from a SPDT standard rating type, a micro-load type (for 24VDC), and a sealed type (environment resistance).
- ExdIICT6 (explosion-proof class) approved.

Models	Range MIN. : Minimum setting point of falling pressure. MAX. : Maximum setting point of rising pressure. MPa (kgf/cm ²) MIN. - MAX.	Differential (Dead Band) Add to the Range Value MPa (kgf/cm ²)			Rated Pressure Maximum Pressure in Continuous Use MPa (kgf/cm ²)	Proof Pressure MPa (kgf/cm ²)
		Lower Range MIN. - MAX.	Middle Range MIN. - MAX.	Higher Range MIN. - MAX.		
TEX1-Z005D	0.005-0.5 (0.05-5)	0.03-0.1 (0.3-1)	0.03-0.11 (0.3-1.1)	0.04-0.12 (0.4-1.2)	0.5 (5)	1.8 (18)
TEX1-Z010D	0.005-1 (0.05-10)	0.04-0.2 (0.4-2)	0.05-0.21 (0.5-2.1)	0.1-0.22 (1-2.2)	1 (10)	3 (30)
TEX1-Z018D	0.02-1.8 (0.2-18)	0.09-0.39 (0.9-3.9)	0.12-0.4 (1.2-4)	0.2-0.42 (2-4.2)	1.8 (18)	4 (40)

- Beside the adjustable differential (dead band) type, the fixed differential type (symbol “F”) is available.
- The differential (dead band) becomes larger to a certain extent in accordance with increase of the pressure. The above chart shows the differential adjustable range related to the pressure ranges divided into three stages.
- The minimum (MIN.) differential (dead band) indicates values at the middle of the pressure range. The differential (dead band) becomes smaller than the indicated values within the lower range, and larger range within the higher range.
- The differential (dead band) of the fixed differential type is less than or equal to the minimum value of the adjustable differential (dead band) type.
- Select a type of your pressure switch so that it can be used within the middle of the range as much as possible.

TEX1-Z005D
TEX1-Z010D
TEX1-Z018D

Mass : approx. 1.9kg

