



# DPS01

## DIFFERENTIAL PRESSURE SWITCH



The DPS01 is an adjustable differential pressure switch capable of detecting miniscule changes in pressure. The switch set point can be field-adjusted without the need of a manometer by using the adjustment knob and the built-in calibrated visual scale. This switch is equipped with a clear cover that protects the adjustment knob from involuntary movement and also provides class IP54 protection.

### SPECIFICATIONS

- Media: Air, non-combustible and non-aggressive gas
- Max operating pressure: 10kPa
- Mounting position: Vertical
- Degree of protection: IP54
- Operating temperature: -20°C to +85°C
- Contact arrangement: SPDT
- Electrical rating: 1.5A(0.4A)/250V
- Terminal - 6.3mmX0.8 blade
- Connection -  $\phi$ 6.4mm for tube connection

### PRESSURE RANGE

Model	Pressure Range	Differential	Tolerances
DPS01-2H	20-200(Pa)	10(Pa)	$\leq \pm 15\%$
DPS01-3H	30-300(Pa)	10(Pa)	$\leq \pm 15\%$
DPS01-4H	40-400(Pa)	20(Pa)	$\leq \pm 15\%$
DPS01-5H	50-500(Pa)	20(Pa)	$\leq \pm 15\%$
DPS01-1K	200-1000(Pa)	100(Pa)	$\leq \pm 15\%$
DPS01-2K	500-2500(Pa)	150(Pa)	$\leq \pm 15\%$
DPS01-5K	1000-5000(Pa)	250(Pa)	$\leq \pm 15\%$

