

## Air Differential Pressure Switch N-ADPS Series

N-ADPS Series is an adjustable differential pressure switch capable of detecting minuscule changes in pressure due to the size and proven design. The switch set point or switching point can field adjustable without the need of a manometer by simply using the adjustment knob and the built in calibrated visual scale. This switch is equipped a clear cover that not only protects the adjustment knob to be move involuntary but also provides class Ip54 protection.



## Specification

- > Media : Air, non-combustible and non-aggressive gas
- > Max Operating Pressure : 10kPa
- > Mounting Position : Diaphragm in any vertical Plane
- > Degree of protection : IP 45 (with cover), IP 00 (without cover)
- > Operating Temperature : -40°C to +85°C
- > Contact Arrangement : SPDT
- > Electrical Rating : Resistance initial < 100 milliohms Current 1.5A(0.4A)/250V
- > Terminal : 6.3mm x 0.8 blade or screw terminal
- > Connection :  $\varnothing 6.4$ mm for tube connection

## N-ADPS Series Pressure Range

Model	Pressure Range	Differential	Tolerance
N-ADPS-20	20-200(Pa)	10(Pa)	$\leq \pm 15\%$
N-ADPS-30	30-300(Pa)	10(Pa)	$\leq \pm 15\%$
N-ADPS-40	40-400(Pa)	20(Pa)	$\leq \pm 15\%$
N-ADPS-50	50-500(Pa)	20(Pa)	$\leq \pm 15\%$
N-ADPS-200	200-1000(Pa)	100(Pa)	$\leq \pm 15\%$
N-ADPS-500	500-2500(Pa)	150(Pa)	$\leq \pm 15\%$
N-ADPS-100	100-1000(Pa)	50(Pa)	$\leq \pm 15\%$
N-ADPS-1000	1000-5000(Pa)	250(Pa)	$\leq \pm 15\%$

