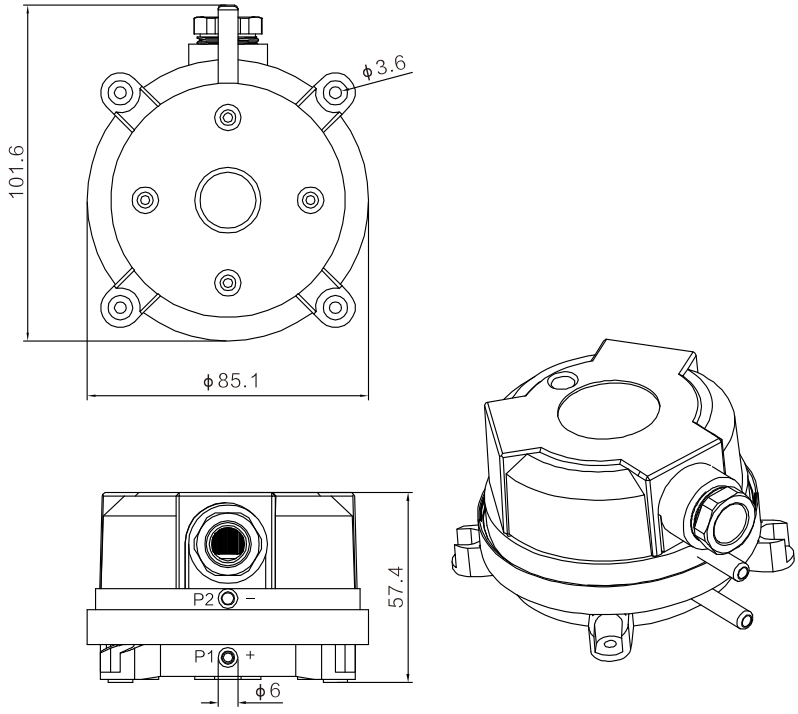
# KC-DPS
## Air differential Pressure switch

A030034 MH46253

kahan controls
HVAC - R Controls & Technologies






Dimension in : mm

The KC-DPS is an adjustable differential pressure switch capable of detecting miniscule changes in pressure due to the size and proven design. The switch set point or switching point can be 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

### KC-DPS Pressure Range

| Model | Pressure Range | Differential | Tolerances |
|---|---|---|---|
| KC-DPS-02 | 20-200(Pa) | 10(Pa) | ≤±15% |
| KC-DPS-03 | 30-300(Pa) | 10(Pa) | ≤±15% |
| KC-DPS-04 | 40-400(Pa) | 20(Pa) | ≤±15% |
| KC-DPS-05 | 50-500(Pa) | 20(Pa) | ≤±15% |
| KC-DPS-10 | 200-1000(Pa) | 100(Pa) | ≤±15% |
| KC-DPS-25 | 500-2500(Pa) | 150(Pa) | ≤±15% |
| KC-DPS-11 | 100-1000(Pa) | 50(Pa) | ≤±15% |
| KC-DPS-50 | 1000-5000(Pa) | 250(Pa) | ≤±15% |

## Specification

| MODEL | KC-DPS |
|---|---|
| Media | Air, non-combustible and ono-aggressive gass |
| Max Operating Pressure | 10kPa |
| Mounting Position | Diaphragm in any vertical Plane |
| Degree of protection | IP54(with cover),IP00(without cover) |
| Operating Temperature | -40℃ to +85℃ |
| Contact Arrangement | SPDT |
| Electrical Rating | Resistance:initaial < 100 milliohms<br>Current:1.5A(0.4A)/250V |
| Termimnal | 6.3mm ×0.8 blade or screw terminal |
| Connection | Φ6.4mm for tube connection |

Conversion: 1in W.C.=249Pa 1mbar=100Pa