

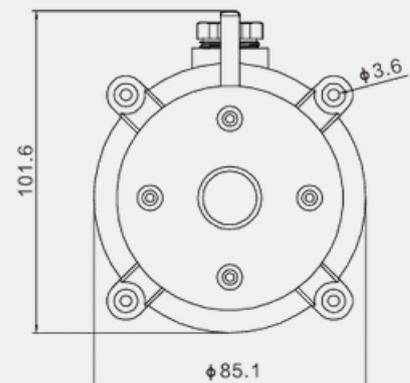
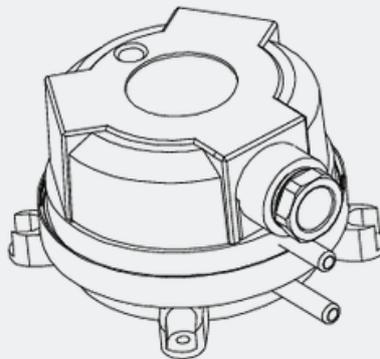
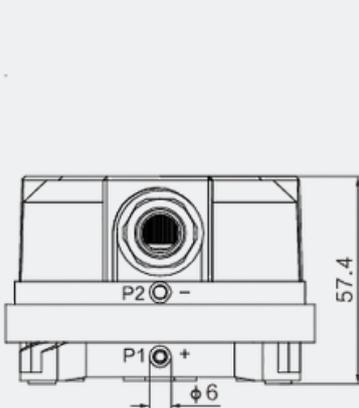
Overview

The DPS18 air pressure Switch monitors ventilation system pressure changes to detect filter clogs and fan issues. It includes mounting hardware for easy installation and helps maintain system efficiency by controlling fan operation based on real-time pressure data. Ideal for HVAC and industrial ventilation applications.

Features

- **Durable Construction** - Metal housing, spring-loaded diaphragm, and engraved scale for precise, long-term operation.
- **Flexible Packaging Options** - Available as switch-only, separate kit, or pre-assembled set.
- **Easy Adjustment** - On/Off output with a scaled knob for quick pressure setting without external tools.
- **Reliable Performance** - Detects static, over/under pressure, and vacuum with IP54 protection for dust/moisture resistance.

Dimensions



DPS18

Differential Pressure Switch



Applications

- Gas burner safety control
- HVAC system monitoring
- Building automation integration
- Blower system pressure management

Specifications

Differential Pressure Switch

Media	Air, noncombustive and non-aggressive gas
Max Pressure	10kpa
Mounting	The diaphragm in any vertical plane
liquid Preventing Level	IP54
Contact Arrange	SPDT
Operating Temperature	-40 °C ~85°C
Electrical Rating	Resistance:initial <100 Milliohm, Current:1.5A(0.4A)/250V
Terminal	6.3mm x 0.8 blade or screw terminal
Connection	φ 6.4mm for tube connection

Selection Code:

Model	Pressure Range (Pa)	Differential (Pa)	Tolerances
DPS18-01	20-200	10	≤±15%
DPS18-02	30-300	10	
DPS18-03	40-400	20	
DPS18-04	50-500	20	
DPS18-05	200-1000	100	
DPS18-06	100-1000	50	
DPS18-07	500-2500	150	
DPS18-08	1000-5000	250	

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For technical support please contact: support@neowave.tech