

공기 차압 스위치

AIR DIFF. PRESSURE SWITCH



IPS100

IPS100A (웬용)

IPS100B (휠타용)

Product Application | 제품 적용 |

공기 차압스위치는 공조덕트에 설치하여 필터와 웬, 공기댐퍼의 조절을 위해서 차압 스위치 및 공기 압력스위치로 사용한다.

- Air Diff.Pressure Control
- Fan Diff.Pressure Monitoring
- Filter Diff.Pressure Monitoring

Technical data | 기술 사양 |

Adjustable range	: 2 ranges selectable, different engineering units available, see order information
Set Pressure Rang	: 3mmH2O ~ 100mmH2O (30~1000Pa)
Ambient temperature limit	: -30 ~ 75°C
Working temperature limit	: -20 ~ 85°C,
Pressure connection	: OD.φ6.0mm plastic pipe, ⊕ high and ⊖ low pressure
Service life	: Over 100,000 switching cycles
Electric Contact	: SPDT, max 5A/250VAC, Dry contact
Electrical connection	: 3 screw terminals
Cable connector	: PF 1/2"
Materials	: housing- PC, cover- PS, Sensor-silicone diaphragm
Weight	: 210g with bracket
Protection Class	: IP54 with cover
Warrantly	: 1 year

Installation | 설치방법 |

1. Vertical, pressure ports + and - downward. This is the factory-setting position
2. The factory set to 4mmH2O or 20mmH2O

Accessories | 부속품 |



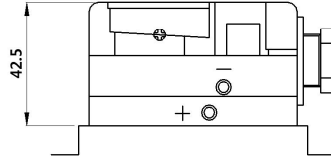
Included / Sensing tube : 1M
/ T-type plastics pipe : 2ea

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Structure | 구조 |

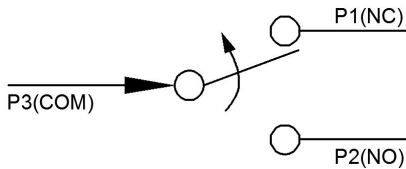
1. High pressure or low vacuum
2. Low pressure or high vacuum
3. Bracket for installation



Type | 타입 |

Model	IPS100	X	X			switch dead band information		
Scales for different units						Part No.	Range	DB
Enclosure	With bracket			mmW.C	Pa	A	3 - 30	1
Adjust.range	(fan)	A		3 - 30	30 - 300	B	20 - 100	2
Adjust.range	(filter)	B		20 - 100	200 - 1000	Re : the DB is factory setted.		
			0	STANDARD				
			1	1M of sensing tube				

Wiring | 결선도 |



P1 : Normal close contact (pressure rise)
 P2 : Normal open contact (pressure falls)
 P3 : Common

Dimension | 외형 치수 |

