CE [Option]

Air Checker: Electronic Pressure Switch

RoHS

PS1000/1100/1200 *Series*

How to Order

PS 10 00 – R06 L – Q

Output specifications

10	For positive pressure
11	For vacuum and residual pressure
12	For vacuum

Piping specifications

R06	ø6 reducer
R07	1/4" reducer

Option (CE-compliant∗)

Nil	None
Q	CE-compliant

∗ The PS1200 series is CE-compliant (with Q) only.

Lead wire length

L	3 m
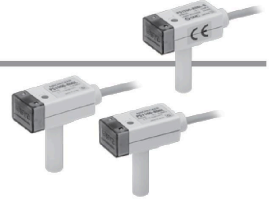
Specifications

Refer to pages 11 and 12 for Pressure Switch Precautions. For details about the Specific Product Precautions, refer to the Operation Manual on the SMC website, http://www.smcworld.com

Model	PS1000	PS1100	PS1200
Switch output	Present pres. ≥ Setting pres.: ON	Present pres. ≤ Setting pres.: ON	
Max. operating pressure	1 MPa		500 kPa
Set pressure range	–0.1 to 0.45 MPa	–0.1 to 0.4 MPa	–100 to 0 kPa
Fluid	Air/Non-corrosive gas/Non-flammable gas		
Indicator light	ON: When red LED turns on		
Temperature characteristics	±3% F.S.		
Repeatability	±1% F.S.		
Hysteresis	4% F.S. or less		10% F.S. or less
Load voltage	12 to 24 VDC ±10%, Ripple (p-p) 10% or less		
Load current	5 to 40 mA		
Leakage current	1 mA or less		
Internal voltage drop	5 V or less		
Operating temperature range	0 to 60°C (No condensation)		
Insulation resistance	2 MΩ or more (500 VDC measured via megohmmeter) between terminals and housing		
Withstand voltage	1000 VAC (in 50/60 Hz) for 1 minute between terminals and housing		
Weight	5 g (Excluding lead wire)		
Port size	R06: ø6 reducer, R07: 1/4" reducer		
Enclosure	IP40		
Lead wire	Grommet oilproof heavy-duty vinyl cable 2 cores, ø2.55, 3 m, Conductor area: 0.18 mm², Insulator O.D.: 0.96 mm		
Wetted parts material	Pressured sensor part: Silicon, Body part: PBT, O-ring: HNBR		
Standards	CE (Option), RoHS		

SMC