



Pressure Switch with Attachable Pipe Adapter



Function to detect differential pressure in air line

- Direct connection to piping
- Option for 0.6MPa available
- Increased sensitivity with non magnetic material
- Increased differential 25% than old one
- Modulization for all series
- 1" port size available



Attachable pipe adapter



Attachable spacer



Standard

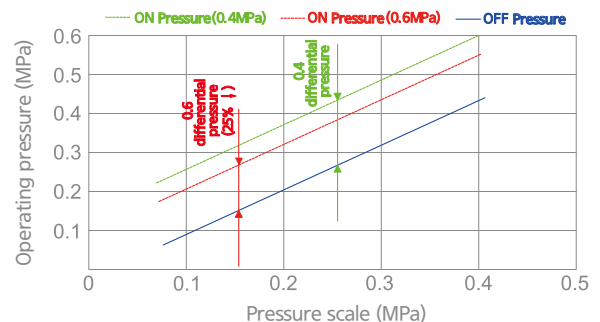
Specifications

Specs	0.4MPa	0.6MPa
Fluid	Air	
Ambient and fluid temperature	-5 ~ 60 (Anti-freezing)	
Operating pressure range(MPa)	0.1 ~ 0.4	0.1 ~ 0.6
Proof pressure(MPa)	1	
Max. pressure(MPa)	0.7	
Differential pressure(MPa)	0.16	0.12
Scale variation(MPa)	±0.05	
Repeatability(MPa)	±0.05	
Contact point	1a	
Lead wire length	1m standard (grommet type)	
Port size(Rc(PT), NPT)	1/8"	
Weight(kg)	0.042	

Auto switch dimensions

Model	DW8H / DW8H-1	
Voltage	DC24V	AC110V
Load current	5~40mA	5~20mA

Differential graph



Auto switch dimensions

Drawing	Series	A	B	C	D
	F2	30	28	56.5	69.5
	F3	30	28	56.5	69.5
	F4	31	36.5	57.5	71.5
	F5	40	42.6	64.8	86.1

Modular System

How to order / Single unit



SMS 1000 - R1 N 01 - 1 L

Series (Pressure Switch)

Model	Specifications
SMS1000	0.4MPa
SMS1001	0.6MPa

Connecting Type

Symbol	Options
R1	PT 1/8 Bracket
N1	NPT 1/8 Bracket
S2	PC2 Series Adapter
S3	PC3 Series Adapter
S4	PC4 Series Adapter
S5	PC5 Series Adapter

Thread

Symbol	types
Blank	Rc
N	NPT
G	PF

Lead Wire Length

Symbol	Length
Blank	1m(Standard)
L	3m
Z	5m

Voltage

Symbol	Voltage
1	AC110V, DC24V

Port Size

Symbol	Sizes
Blank	Modular Spacer Type
01	1/8
02	1/4
03	3/8
04	1/2
06	3/4
10	1

How to order / Combination unit



P□□ - □ 02 B D G - K - Z

Series

Symbol	Size	Combinations
PR	2,3,4,5	Regulator
PP	2,3,4,5	Piggyback
PC*B	2,3,4,5	PF + PR
PC*C	2,3,4,5	PF + PFH + PR
PC*D	2,3,4,5	PP + PFH
PC*E	2,3,4,5	PFU + PR
PC*F	2,3,4,5	PP + PFU

Thread

Symbol	Types
Blank	Rc
N	NPT
G	PF

Port Size

Symbol	Sizes
01	1/8
02	1/4
03	3/8
04	1/2
06	3/4
10	1

Drain Options

Symbol	Options
Blank	Manual drain
D	Auto drain
D2	Auto exhausted piping
D5	Manual exhausted piping

Bracket Options

Symbol	Options
Blank	None
B	L-Bracket
B1	Pannel Nut
B2	C-Bracket

Modular Option

Symbol	Switch options	Wire options
Z1	Pressure switch 0.4MPa	Lead wire 1M
Z3	Pressure switch 0.4MPa	Lead wire 3M
Z5	Pressure switch 0.4MPa	Lead wire 5M
ZS1	Pressure switch 0.6MPa	Lead wire 1M
ZS3	Pressure switch 0.6MPa	Lead wire 3M
ZS5	Pressure switch 0.6MPa	Lead wire 5M

Other Options

Symbol	Options	Symbol	Options
Blank	1.0MPa	2	0.2MPa
4	0.4MPa	K	Check valve
15	1.5MPa	T	Tamper kit
E	Non-relieving type	J4	40 μ m
J2	20 μ m	R	Reversed flow
XC16	Copper-free	Q2	Metal Bowl

Gauge Options

Symbol	Options
Blank	None
G	Integrated pressure gauge[1.0MPa]
P	Regular pressure gauge[1.0MPa]
P2	Gauge for low pressure[0.2MPa]
P4	Gauge for low pressure[0.4MPa]

※ When ordered, combination unit comes with pressure switch attached to piping adapter, which is placed on the right side of the unit.

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