

# Pressure Switch/Reed Switch Type

## Series IS10

**16% lighter**

**Weight: 62 g**

\*Previous type 74 g  
Compared with IS1000  
(Made by SMC)

**11% smaller**

**Overall height: 52 mm**

\*Previous type 58.5 mm  
Compared with IS1000  
(Made by SMC)

- 100 V AC/DC specifications
- Set pressure range  
**0.1 to 0.4 MPa**
- Service life: **5 million cycles**



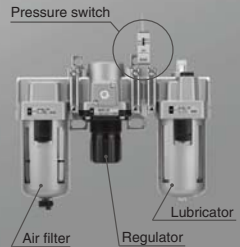
Pressure switch with spacer



Pressure switch with piping adapter



- Can be connected to Modular type F.R.L. units.



### Specifications

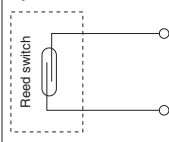
Model	IS10-01
Fluid	Air/Inert gas
Proof pressure	1.0 MPa
Max. operating pressure	0.7 MPa
Set pressure range	0.1 to 0.4 MPa Option: 0.1 to 0.6 MPa
Ambient and fluid temperature	-5 to 60°C (No freezing)
Contacts	1a
Error of scale	±0.05 MPa or less
Hysteresis	Fixed 0.08 MPa or less
Repeatability	±0.05 MPa or less
Wiring specifications	Grommet, Lead wire length: 0.5 m Option: 3 m, 5 m
Enclosure	Equivalent to IP40
Port size	1/8
Weight	62 g

### Switch Characteristics

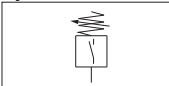
Max. contact capacity	AC 2 VA, DC 2 W		
Voltage AC/DC	24 V or less	48 V	100 V
Max. operating current and range	50 mA	40 mA	20 mA

### Electrical Circuit

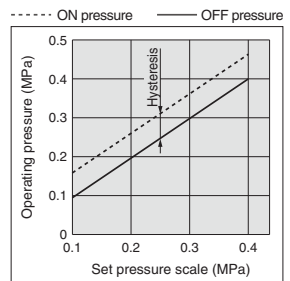
Up to 100 V AC/DC



### Symbol



### Set Pressure Range



### How to Order

IS10-  01  -  

	Symbol	Description		
①	Thread type	Nil R N NPT		
		+ Nil None S With seal		
②	Seal	Nil None S With seal		
	a	Set pressure range	Nil 0.1 to 0.4 MPa + 0.1 to 0.6 MPa	
		b	Lead wire length	Nil 0.5 m L 3 m Z 5 m
			c	Scale plate pressure unit

Semi-standard: Select one option each in a through c. Place them in alphabetical order.

Example) IS10-N01-6PZ  
Note 1) Set pressure range of 6P(L, Z) is 0.2 to 0.6 MPa (30 to 90 psi).  
Note 2) This product is for overseas use only according to the new Measurement Law. (The SI unit type is provided for use in Japan.)

ZSE30
ISE30
ZSE40
ISE40
ZSE10
ISE10
ISE70
ZSE80
ISE80
ZSE□
ISE□
ZSP
PS
ISA2
PSE
IS
ISG
ZSM1



