

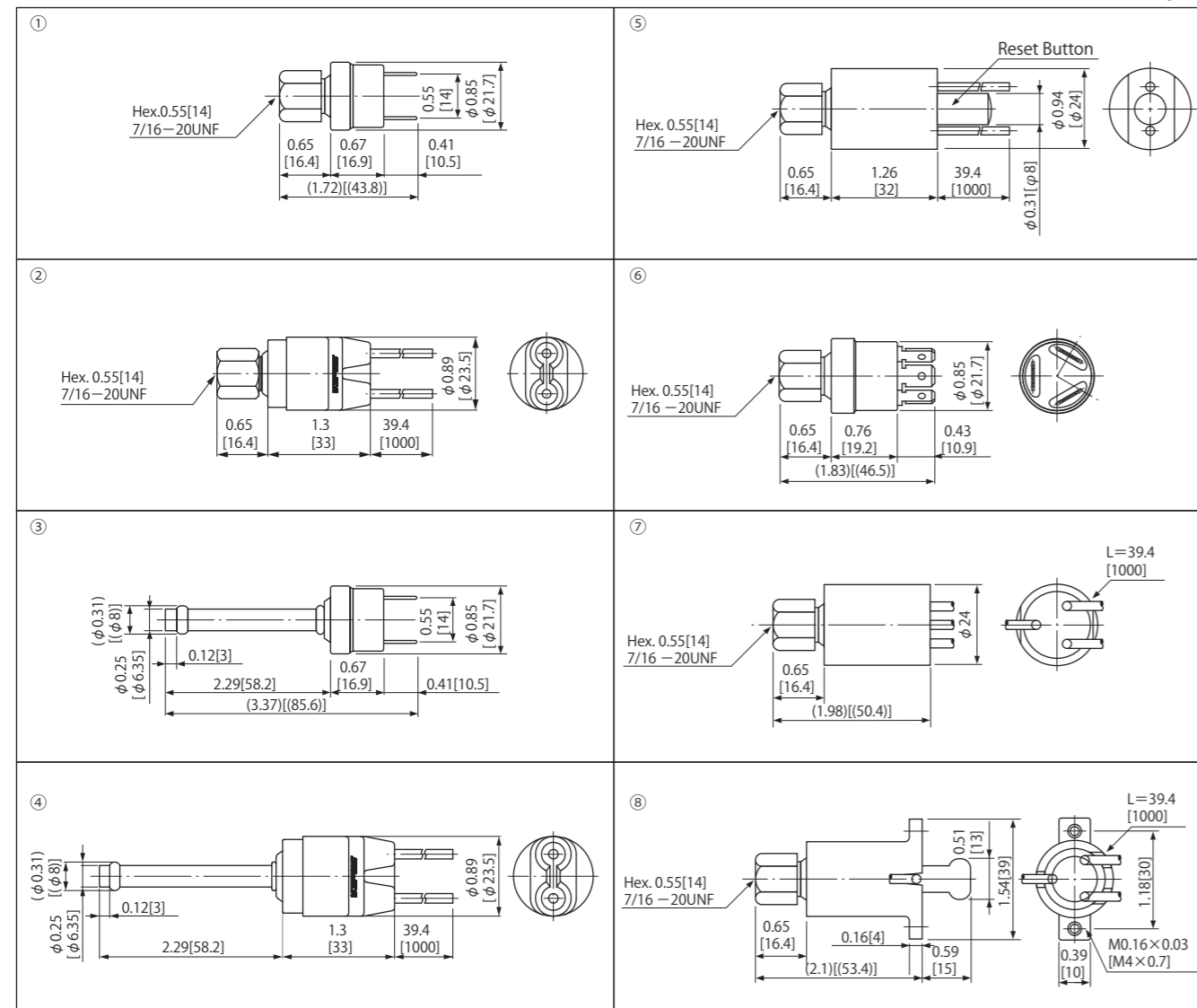
# SMALL PRESSURE CONTROLS

Type **ACB**

High Volume OEM Item

## DIMENSIONS

Unit: inch[mm]



### NOTES FOR SAFETY

Failure to read and follow all instruction carefully before installing or operating the product could cause personal injury and/or property damage.

Specifications are subject to change without notice.

2023.12

**SAGINOMIYA**  
AMERICA, INC.

655 Metro Place South Suite 220, Dublin, Ohio 43017, U.S.A.  
Tel: +1-614-766-7390 Fax: +1-614-766-7391  
E-mail: Sales@saginomiya-am.com URL: <http://www.saginomiya-global.com/en/>  
Dallas Office: 3201 Dallas Pkwy Suite 200, Frisco, Texas 75034, U.S.A.  
Tel: +1-614-766-7390(Ext)1201 Fax: +1-614-766-7391

# SMALL PRESSURE CONTROLS

Type **ACB**

High Volume OEM Item



**SAGINOMIYA**

# SMALL PRESSURE CONTROLS

Type **ACB**

High Volume OEM Item

## GENERAL DESCRIPTION

- Pressure Control CB series are disc type small pressure controls featuring compact structure and field proven high quality.
- It is designed to suit modern designed application with its compact and various type of connection styles, such application as air conditioning, automobile industries and others.
- High, low & medium pressure range
- UL Recognized
- CE mark applicable
- High durability types are also available

\*Guaranteed durability (times) : 500,000 [High durability types] / 200,000 [Standard types]

## SPECIFICATIONS

· Fluid temperature: -22 to 275°F { -30 to 135°C }

· Ambient temperature: -22 to 212°F { -30 to 100°C }

## STANDARD SETTING

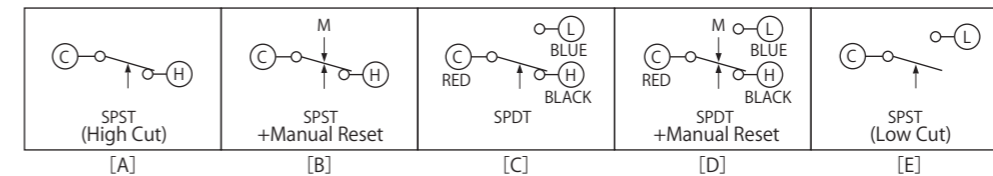
Unit : psi(MPa)

Catalog No.	Contact Functions	Range		Max. Pressure	Pressure Connections	Terminal Construction	Application	Wt. (lb{kg})
		Off	On					
<b>ACB</b>	SPST (High Cut) [A]	609{4.2}	479{3.3}	652{4.5}	1/4" Solder or Female Flare	Open (①・③) or Water Proof (②・④)	High Pressure Cut Out	Open 0.07{0.03} Water Proof 0.13{0.06}
		450{3.1}	348{2.4}					
		406{2.8}	319{2.2}					
		377{2.6}	305{2.1}					
		334{2.3}	261{1.8}					
	SPST +Manual Reset [B]	406{2.8}	305{2.1}			Water Proof (⑤)		0.13{0.06}
		377{2.6}	290{2.0}					
		334{2.3}	261{1.8}					
	SPDT [C]	406{2.8}	319{2.2}			Open (⑥) or Water Proof (⑦)		Open 0.07{0.03} Water Proof 0.18{0.08}
		377{2.6}	305{2.1}					
		334{2.3}	261{1.8}					
	SPDT +Manual Reset [D]	406{2.8}	305{2.1}			Water Proof (⑧)		0.18{0.08}
		377{2.6}	290{2.0}					
		334{2.3}	261{1.8}					
SPST (Low Cut) [E]	31.9{0.22}	52.2{0.36}	217{1.5}	Open (①・③) or Water Proof (②・④)	Low Pressure Cut Out	Open 0.07{0.03} Water Proof 0.13{0.06}		
	24.7{0.17}	39.2{0.27}						
	1.02{0.07}	24.7{0.17}						
	7.25{0.05}	21.8{0.15}						

## ELECTRICAL RATINGS

Category of Ratings			M Rating			L Rating			T Rating
Rated Voltage (V)	Rated Amps. (A)	Power Factor (cosφ)	125V. AC	250V. AC	12V. DC	125V. AC	250V. AC	12V. DC	12/24V. DC
			Non-Inductive Current	1	1	1 to 6	1 to 4	1 to 4	0.02 to 2
Inductive Current	Full Load	0.75	1 to 6	1 to 4	—	0.02 to 2	0.02 to 1	—	—
	Inrush Current	—	1 to 24	1 to 16	—	0.02 to 8	0.02 to 4	—	—

## CONTACT FUNCTIONS



↑ : Operating direction on press. increase at High Press.Side  
M ↓ : Operating direction on manual reset

## PRESSURE CONNECTIONS

Unit: inch{mm}

