

# Soft Start-up Valve

# AV2000-A/3000-A/4000-A/5000-A

Note) Manual override with locking function (B, C type) is excluded, because they don't comply with safety standard.



## How to Order

AV **30** **00** - **F** **03** **BS** - **5** **D** **□** - **□** - A - **X2006**

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

	Symbol	Description	① Body size				
			20	30	40	50	
② Thread type	Nil	Rc	●	●	●	●	
	N	NPT	●	●	●	●	
	F	G	●	●	●	●	
+							
③ Port size	02	1/4	●	—	—	—	
	03	3/8	—	●	—	—	
	04	1/2	—	—	●	—	
	06	3/4	—	—	—	●	
	10	1	—	—	—	●	
+							
④ Option	a Mounting	Nil	Without mounting option	●	●	●	●
		B	With bracket	●	●	●	●
	b Pressure gauge	Nil	Without pressure gauge	●	●	●	●
		G	Round type pressure gauge (with limit indicator)	●	●	●	●
	c Silencer	Nil	Without silencer	●	●	●	●
		S	Silencer (Built-in)	●	●	●	●
+							
⑤ Rated coil voltage	5	24 VDC	●	●	●	●	
	6	12 VDC	●	●	●	●	
+							
⑥ Electrical entry	G	Grommet (Lead wire length: 300 mm)	●	●	●	●	
	D	Type D (DIN terminal/With connector)	●	●	●	●	
	Y	Type Y (DIN terminal/With connector)*1	●	●	●	●	
	DO	Type D (DIN terminal/Without connector)	●	●	●	●	
	YO	Type Y (DIN terminal/Without connector)	●	●	●	●	
+							
⑦ Light/surge voltage suppressor	Nil	Without light/surge voltage suppressor	●	●	●	●	
	Z	With light/surge voltage suppressor	○*2	○*2	○*2	○*2	
+							
⑧ Semi-standard	d Flow direction	Nil	Flow direction: Left to right	●	●	●	●
		R	Flow direction: Right to left	●	●	●	●
	e Pressure unit	Nil	Name plate and pressure gauge: MPa	●	●	●	●
		Z*3	Name plate: psi Pressure gauge: MPa/psi dual scale	○*4	○*4	○*4	○*4
+							
⑨ Manual override	Nil	Non-locking push type	●	●	●	●	
	X2006	No manual override	●	●	●	●	

\*1 Type "Y" is a DIN terminal in compliance with EN-175301-803C (former DIN43650C).

\*2 When the electrical entry is "DO" or "YO," the light/surge voltage suppressor cannot be selected.

\*3 For the pipe thread type: NPT

This product is for overseas use only according to the New Measurement Act. (The SI unit type is provided for use in Japan.)

\*4 Pressure unit Z: For the pipe thread type: NPT only

· Select one each for options "a" to "c" and semi-standard options "d" and "e."

· Option/Semi-standard symbol: When more than one specification is required, indicate in alphabetical order.

Example) AV2000-02BGS-5D-A-X2006

SMC validation products have been validated based on ISO 13849-2: 2012 Annex A, B & D.