

# Air Cylinder: Standard Type Double Acting, Double Rod

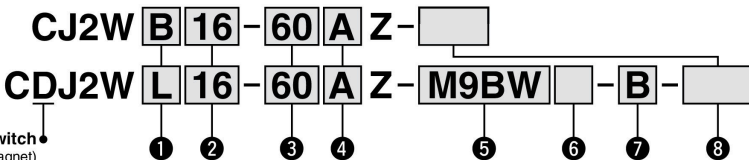
## CJ2W Series

ø6, ø10, ø16



### How to Order

**With auto switch**



With auto switch  
(Built-in magnet)

#### 1 Mounting

<b>B</b>	Basic
<b>L</b>	Foot
<b>F</b>	Flange

\*: Foot/Flange brackets are shipped together with the product, but not assembled.

#### 5 Auto switch

<b>Nil</b>	Without auto switch
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\*: For applicable auto switches, refer to the table below.

★ Enter the auto switch mounting type (A or B) even when a built-in magnet cylinder without an auto switch is required.

#### 2 Bore size

<b>6</b>	6 mm
<b>10</b>	10 mm
<b>16</b>	16 mm

#### 3 Cylinder standard stroke [mm]

Refer to "Standard Strokes" on page 65.

#### 4 Cushion

<b>Nil</b>	Rubber bumper
<b>A</b>	Air cushion

\*: ø6: Rubber bumper only

#### 7 Auto switch mounting type

<b>A</b>	Rail mounting
<b>B</b>	Band mounting

\*: For rail mounting, screws and nuts for 2 auto switches come with the rail.

\*: Refer to page 148 for auto switch mounting brackets.

\*: ø6: Band mounting only

#### 8 Made to Order

Refer to page 65 for details.

### Applicable Auto Switches/Refer to pages 1575 to 1701 for further information on auto switches.

Type	Special function	Electrical entry	Indicator light	Wiring (Output)	Load voltage		Auto switch model				Lead wire length [m]				Pre-wired connector	Applicable load	
					DC	AC	Band mounting		Rail mounting		0.5 (Nil)	1 (M)	3 (L)	5 (Z)			None (N)
							Perpendicular	In-line	Perpendicular	In-line							
Solid state auto switch	—	Grommet	—	3-wire (NPN)	5 V, 12 V	—	M9NV	M9N	M9NV	M9N	●	●	●	○	○	IC circuit	
				3-wire (PNP)			M9PV	M9P	M9PV	M9P	●	●	●	○	○		
		Connector	—	2-wire	M9BV	M9B	M9BV	M9B	●	●	●	○	○	—			
				—	—	H7C	J79C	●	●	●	●	—	—				
	Diagnostic indication (2-color indicator)	Grommet	Yes	3-wire (NPN)	5 V, 12 V	—	M9NV	M9N	M9NV	M9N	●	●	●	○	○	IC circuit	
				3-wire (PNP)			M9PV	M9P	M9PV	M9P	●	●	●	○	○		
	Water resistant (2-color indicator)	Grommet	—	3-wire (NPN)	5 V, 12 V	—	M9NAV <sup>*1</sup>	M9NA <sup>*1</sup>	M9NAV <sup>*1</sup>	M9NA <sup>*1</sup>	○	○	○	○	○	IC circuit	
				3-wire (PNP)			M9PAV <sup>*1</sup>	M9PA <sup>*1</sup>	M9PAV <sup>*1</sup>	M9PA <sup>*1</sup>	○	○	○	○	○		
	With diagnostic output (2-color indicator)	Grommet	Yes	2-wire	12 V	—	M9BAV <sup>*1</sup>	M9BA <sup>*1</sup>	M9BAV <sup>*1</sup>	M9BA <sup>*1</sup>	○	○	●	○	○	—	
				4-wire (NPN)			—	H7NF	—	F79F	●	—	●	○	○		
Reed auto switch	—	Grommet	Yes	3-wire (NPN equivalent)	5 V	—	A96V	A96	A96V	A96	●	●	—	—	—	IC circuit	
				—			—	A72	A72H	●	—	●	—	—			
				—			—	A93V <sup>*2</sup>	A93	A93V <sup>*2</sup>	A93	●	●	●	—		—
		No	—	2-wire	24 V	12 V	—	100 V or less	A90V	A90	A90V	A90	●	●	●	—	IC circuit
								—	—	C73C	A73C	—	—	●	—	●	
		Yes	—	Connector	No	—	24 V or less	—	C80C	A80C	—	—	●	—	●	●	IC circuit
									—	—	A79C	—	—	●	—	●	
Diagnostic indication (2-color indicator)	Grommet	Yes	—	—	—	—	—	—	A79C	—	—	●	—	●	—		
							—	—	—	—	—	—	—	—		—	—

\*1: Water resistant type auto switches can be mounted on the above models, but in such case SMC cannot guarantee water resistance.

Please contact SMC regarding water resistant types with the above model numbers.

\*2: 1 m type lead wire is only applicable to D-A93.

\*: Lead wire length symbols: 0.5 m..... Nil (Example) M9NW  
 1 m..... M (Example) M9NWM  
 3 m..... L (Example) M9NWL  
 5 m..... Z (Example) M9NWZ  
 None..... N (Example) H7CN

\*: Since there are other applicable auto switches than listed above, refer to page 149 for details.

\*: Solid state auto switches marked with "○" are produced upon receipt of order.

\*: The D-A9□/M9□/A7□/A8□/F7□/J7□ auto switches are shipped together, but not assembled. (For band mounting, only the auto switch mounting brackets are assembled before shipment.)