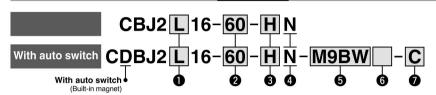
# **Air Cylinder: With End Lock**

# CBJ2 Series



#### **How to Order**



#### Mounting

В	Basic
L	Axial foot
F	Rod flange
D	Double clevis**

- Foot/Flange brackets are shipped together with the product, but not assembled
- \*\*: Rod end lock only.

## 6 Number of auto switches

•	
Nil	2 pcs.
S	1 pc.
n	"n" pcs.

#### 2 Cylinder standard stroke [mm] Refer to "Standard Strokes" on page 135.

Auto switch								
Nil	Without auto switch							

- \*: 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.

### Auto switch mounting bracket

\*: This symbol is indicated when the D-A9□ or M9□ type auto switch is specified. This mounting bracket does not apply to other auto switches (D-C7□ and H7□, etc.) (NiI)

# 3 Lock position

C Look poolition										
Н	Head end lock									
R	Rod end lock									

# 4 Manual release

N Non-locking type

#### **Built-in Magnet Cylinder Model**

Suffix the symbol "-A" (Rail mounting) or "-B" (Band mounting) to the end of part number for cylinder with auto switch.

Example	Rail mounting	CDBJ2B16-45-HN-A
Lxample	Band mounting	CDBJ2B16-60-HN-B

- \*: For rail mounting, screws and nuts for 2 auto switches come with the rail.
- \*: Refer to page 148 for auto switch mounting brackets.

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

	Special function	Electrical entry	Indicator light	14/::		Load voltage		Auto switch model				Lead wire length [				[m]	Des missel			
Type				Wiring (Output)		DC	AC	Band mounting Rail mounting			0.5	1	3		None	Pre-wired connector	Applica	ble load		
~~~		Gilly		(Output)		DC		Perpendicular	In-line	Perpendicular	In-line	(Nil)	(M)	(L)	(Z)	(N)	connector			
				3-wire (NPN)		5 V,12 V		M9NV	M9N	M9NV	M9N	•	•	•	0	_	0	IC circuit		
ڃ		Grommet	11	3-wire (PNP)		5 V, IZ V		M9PV	M9P	M9PV	M9P	•	•	•	0	_	0	ic circuit		
switch				2-wire		12 V		M9BV	M9B	M9BV	M9B	•	•	•	0	_	0			
S		Connector		Z-WITE		12 V			H7C	J79C	_	•	_	•	•	•	_			
anto	Di		Yes	3-wire (NPN)		, 5 V,12 V	_	M9NWV	M9NW	M9NWV	M9NW	•	•	•	0	_	0	IC circuit	eleccit. Delecci	
	Diagnostic indication (2-color indicator)			3-wire (PNP)	24 V	5 V, 12 V		M9PWV	M9PW	M9PWV	M9PW	•	•	•	0	_	0	IC CIICUIL	Relay,	
state	(2-color indicator)	Grommet		2-wire		12 V		M9BWV	M9BW	M9BWV	M9BW	•	•	•	0	_	0	_	1 1 20	
S	Water resistant (2-color indicator)			3-wire (NPN)		5 V,12 V			M9NAV*1	M9NA*1	M9NAV*1	M9NA*1	0	0	•	0	_	0	IC circuit	]
Solid				3-wire (PNP)				M9PAV*1	M9PA*1	M9PAV*1	M9PA*1	0	0	•	0	_	0	IC CIICUIL		
Ō	(2-color malcator)			2-wire				M9BAV*1	M9BA*1	M9BAV*1	M9BA*1	0	0	•	0	_	0	_		
	With diagnostic output (2-color indicator)			4-wire (NPN)		5 V,12 V		_	H7NF	_	F79F	•	_	•	0	_	0	IC circuit		
switch		Grommet	TYes	3-wire (NPN equivalent)	_	5 V	_	A96V	A96	A96V	A96	•	_	•	_	_	_	IC circuit	-	
3						_	200 V	_	_	A72	A72H	•	_	•	_	-	-			
S O				2-wire			100 V	A93V*2	A93	A93V*2	A93	•	•	•	•	_	_	_		
auto							100 V or less	A90V	A90	A90V	A90	•	_	•	_	_	_	IC circuit	Relay,	
8		Connector	ctor Yes		24 V		_		C73C	A73C	_	•	_	•	•	•	_	_	PLC	
Reed		Connector					24 V or less	_	C80C	A80C	_	•	_	•	•	•	_	IC circuit		
	Diagnostic indication (2-color indicator)	Grommet	Yes			_	_		_	A79W	_	•	_	•	_	_	_	_		

- \*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, refer to page 149 for details.
- \*: Solid state auto switches marked with "O" are produced upon receipt of order.
- \*: The D-A9□/M9□/A7□/A80□/F7□/J7□ auto switches are shipped together, (but not assembled). (However, when the D-A9□/M9□ types are selected, only auto switch mounting brackets are assembled before being shipped.)