Air Cylinder: Standard Type Single Acting, Spring Return/Extend

CJ2 Series ø6. ø10. ø16



How to Order

CDJ2B With auto switch With auto switch (Built-in magnet)

Mounting

В	Basic
E	Double-side bossed
D**	Double clevis
L	Single foot
M	Double foot
F	Rod flange
G	Head flange

- *: Foot/Flange brackets are shipped together with the product, but not assembled
- *: Double clevis is only available for ø10 and ø16.
- **: Refer to page 151-1 for the double clevis (with one-touch connecting pin).

8 Auto switch

Nil	Without auto switch							
-	P 11 1 21 1							

- 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.

Bore size

6	6 mm
10	10 mm
16	16 mm

Head cover port location

Nil	Perpendicular to axis	A
R	Axial	0

- *: For double clevis, the product is perpendicular to the cylinder axis.
- *: For double-side bossed, the product is
- perpendicular to the cylinder axis Not applicable to single acting, spring

Number of auto switches

U INU	inder of auto switches
Nil	2 pcs.
S	1 pc.
n	"n" pcs.

*: Refer to "Ordering Example of Cylinder Assembly" on page 72.

Cvlinder standard stroke [mm] Refer to "Standard Strokes" on page 72.

6 Pivot bracket

Nil	None
N	Pivot bracket is shipped together with the product.
*: Only f	or the double clevis type

- (ø10 and ø16) *: Pivot bracket is shipped
- together with the product, but not assembled.

Auto switch mounting type Rail mounting

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

Band mounting

- *: Refer to page 148 for auto switch mounting brackets.
- *: Ø6: Band mounting only

Action

S	Single acting, Spring return
Т	Single acting, Spring extend

Rod end bracket

Single knuckle joint						
Double knuckle joint						
Rod end cap (Flat type)						
Rod end cap (Round type)						

- *: Rod end bracket is shipped together with the product, but not assembled
- *: Single/Double knuckle joint: ø10 and ø16 only
- **: Refer to page 63 for the double knuckle joint (with one-touch connecting pin).

Made to Order Refer to page 72 for details.

CS2

CJ₁ CJP CJ₂

JCM

CM2

CM3

CG₁

CG3

JMB

MB

MB₁

CA₂

CS₁

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

	Special function	Electrica	12	VA /:i		Load voltage		Auto switch model				Lead wire length [m]				Don mined	A	cable																									
уре		entry		Wiring (Output)		DC	AC	Band me	ounting	Rail mo	Rail mounting		0.5 1			None	Pre-wired connector																										
		Citaly				DC		Perpendicular	In-line	Perpendicular	In-line	(Nil)	(M)	(L)	(Z)	(N)	CONTRECTOR	load																									
				3-wire (NPN)		5 V.12 V		M9NV	M9N	M9NV	M9N	•	•	•	0	_	0	IC circuit																									
ç		Grommet		3-wire (PNP)		5 V, 12 V		M9PV	M9P	M9PV	M9P	•	•	•	0	_	0	IC CITCUIT																									
switch	_			2-wire		12 V		M9BV	M9B	M9BV	M9B	•	•	•	0	<u> </u>	0		1																								
		Connector		2-wire		12 V		_	H7C	J79C	_	•	_	•	•	•	_	_																									
anto	Dia ana antin in dia atina			3-wire (NPN)		5 V,12 V	_	M9NWV	M9NW	M9NWV	M9NW	•	•	•	0	-	0	IC circuit	Dolou																								
	Diagnostic indication (2-color indicator)	Grommet		3-wire (PNP)	24 V	12 V 5 V,12 V 5 V,12 V		M9PWV	M9PW	M9PWV	M9PW	•	•	•	0	-	0	IC CITCUIT	PLC																								
state	(2-color indicator)			2-wire	4			5 V,12 V 12 V	M9BWV	M9BW	M9BWV	M9BW	•	•	•	0	-	0	_] [[
	Water resistant (2-color indicator)			3-wire (NPN)					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 CITCUIT	
Ο̈				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																							3-wire (NPN equivalent)	_	5 V	_	A96V	A96	A96V	A96	•	-	•	-	_	_	IC circuit	_			
3			Yes		1	_	200 V	_	-	A72	A72H	•	_	•	_	_	_																										
					24 V		100 V	A93V*2	A93	A93V*2	A93	•	•	•	•	_	_	1 —																									
anto			No			12 V	100 V or less	A90V	A90	A90V	A90	•	_	•	_	_	_	IC circuit	Relay																								
ğ		0	Yes	2-wire			_	_	C73C	A73C	_	•	_	•	•	•	_	_	PLC																								
Reed		Connector	No											24 V or less	_	C80C	A80C	_	•	_	•	•	•	_	IC circuit	1																	
-	Diagnostic indication (2-color indicator)					_	_	_		A79W	_	•	_	•	_	_	_	_	1																								

- *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 5 m····· Z (Example) M9NWZ 1 m----- M (Example) M9NWM 3 m---- L (Example) M9NWL 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 "0" are produced upon receipt of order.
*: The D-A9□M9□/A7□/A80□/F7□J7□ auto switches are shipped together, but not assembled. (For band mounting, only auto switch mounting brackets are assembled before being shipped.)

D-

-X□ Technical