

Pin Cylinder: Double Acting, Single Rod

CJP2 Series

ø4, ø6, ø10, ø16

How to Order

Standard CJP2 **F** **10** - **15** **D** - [] - []

Built-in magnet CDJP2 **F** **10** - **15** **D** - [] - **M9BW** **S** - []

With auto switch
(Built-in magnet)

Mounting

Symbol	Mounting	Standard	Built-in magnet
B	Basic	●	●
F	Flange	●	●
L	Foot	●	●
D	Clevis	●	●
T	Trunnion	●	●

* Bore size of 4 mm is available with basic mounting only.
* Mounting bracket is shipped together (but not assembled).
* Trunnion mounting type is shipped after assembled.

Bore size

Symbol	Bore size
4	4 mm
6	6 mm
10	10 mm
16	16 mm

Cylinder standard stroke (mm)
Refer to "Standard Strokes" on page 24.

Double acting

Number of auto switches

Symbol	Number of auto switches
NII	2 pcs.
S	1 pc.

Auto switch

Symbol	Auto switch
Nil	Without auto switch
B	Without thread

Rod end thread

Symbol	Rod end thread
Nil	With thread
B	Without thread

Made to Order
(Refer to page 24.)

Built-in Magnet Cylinder Model

If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch.
(Example) CDJP2B6-20

Applicable Auto Switches / For detailed auto switch specifications, refer to page 1575 through to 1701.

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	Electrical entry direction	In-line	0.5 (Nil)	1 (M)	3 (L)	5 (Z)			
Solid state auto switch	—	Grommet	Yes	3-wire (NPN)	5 V, 12 V	—	M9NV	M9N	●	●	●	○	○	IC circuit	
				3-wire (PNP)					●	●	●	○	○		
				2-wire	12 V		M9BV	M9B	●	●	●	○	○		—
				3-wire (NPN)	5 V, 12 V		M9NVV	M9NW	●	●	●	○	○		IC circuit
				3-wire (PNP)			M9P	M9P	●	●	●	○	○		
				2-wire	12 V		M9B	M9B	●	●	●	○	○		—
	Water resistant (2-color indicator)	Grommet	Yes	3-wire (NPN)	5 V, 12 V	M9NAV ^{*1}	M9NA ^{*1}	○	○	●	○	○	IC circuit		
				3-wire (PNP)		M9PAV ^{*1}	M9PA ^{*1}	○	○	●	○	○			
				2-wire	12 V	M9BAV ^{*1}	M9BA ^{*1}	○	○	●	○	○		—	
				3-wire (NPN equiv.)	—	5 V	—	A96V ^{**}	A96 ^{**}	●	—	●		—	—
Reed auto switch	—	Grommet	No	2-wire	24 V	—	A93V ^{**}	A93 ^{**}	●	●	●	●	—	—	Relay, PLC
									5 V, 12 V	100 V or less	A90V ^{**}	A90 ^{**}	●	—	

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

Consult with 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) M9NVW
1 m ----- M M9NWM
3 m ----- L M9NWL
5 m ----- Z M9NWZ

** The D-A93(V) switch is not attachable to ø4.

* Auto switches marked with "○" are made to order specification.

* For details about auto switches with pre-wired connector, refer to pages 1648 and 1649.

* Auto switches are shipped together, (but not assembled).