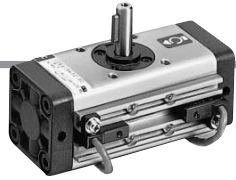


Rotary Actuator with Auto Switch Rack & Pinion Style

Series *CDRA1*

Size: 30, 50, 63, 80, 100



How to Order

Mounting style

B	Basic style
L	Foot style

Rotating angle

90	90°
180	180°

Size 30

CDRA1 B W30 90 J79W S

Size 50 to 100

CDRA1 B W 50 90 J59W S

Built-in magnet



Mounting style

B	Basic style
L*	Foot style
F	Flange style

* For part numbers of foot bracket, refer to page 11-7-2.

Shaft type

Standard	S	Single shaft
	W	Double shaft
Option	X	Single shaft with four chamfers
	Y	Double shaft key
	Z	Double shaft with four chamfers

Size

50
63
80
100

Type

Nil	Pneumatic
H	Air-hydro

Number of auto switches

S	1 pc.
Nil	2 pcs.

Note) Maximum number of auto switches mountable is two.

Auto switch

* For the applicable auto switch model, refer to the table below.
* Auto switches are shipped together, (but not assembled).

Cushion

Nil	None
C	With cushion

Rotating angle

Standard	90	90°
	180	180°
Option	100	100°
	190	190°

Applicable Auto Switch/Refer to page 11-11-1 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-wire connector	Applicable load		
					DC	AC	Size 30		Size 50 to 100	0.5 (Nil)	3 (L)	5 (Z)	None (N)				
							Perpendicular	In-line							In-line		
Reed switch	—	Grommet	Yes	3-wire (NPN equiv.)	—	5 V	—	—	A76H	A56	●	●	—	—	—	IC circuit	Relay, PLC
				2-wire	24 V	12 V	—	200 V	A72	A72H	—	●	●	—	—	—	
		100 V					A73	A73H	—	●	●	●	—	—			
		—					—	A53	●	●	●	—	—				
		A73C					—	—	●	●	●	●	—	—			
	Grommet	—		100 V, 200 V	—	—	A54	●	●	●	—	—	—				
A79W			—		A59W	●	●	—	—	—	—						
Diagnosis indication (2-color)	Grommet	—	—	A79W	—	A59W	●	●	—	—	—	—	—	—	—		
Solid state switch	—	Grommet	Yes	3-wire (NPN)	5 V, 12 V	—	F7NV	F79	F59	●	●	○	—	○	IC circuit	PLC	
				3-wire (PNP)			F7PV	F7P	F5P	●	●	○	—	○			
				—			F7BV	J79	J59	●	●	○	—	○			
		2-wire		—	100 V, 200 V	—	—	J51	●	●	○	—	—	—			
						J79C	—	—	●	●	●	●	—	—			
	Diagnosis indication (2-color)	Grommet		3-wire (NPN)	5 V, 12 V	—	F7NWV	F79W	F59W	●	●	○	—	○	IC circuit		
				3-wire (PNP)			—	F7PW	F5PW	●	●	○	—	○			
				2-wire			24 V	—	—	F7BAV **	F5BA **	—	●	○	—		○
	—	F7BAV **		—	—	—			●	○	—	—					
	4-wire (NPN)	5 V, 12 V		—	F79F	F59F			●	●	○	—	○	IC circuit			

** Although it is possible to mount water resistant type auto switches, note that the rotary actuator itself is not of water resistant construction.

* Lead wire length symbols: 0.5 m Nil (Example) A73C

3 m L (Example) A73CL

5 m Z (Example) A73CZ

None N (Example) A73CN

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



Refer to page 11-11-36 for detailed solid state switches with pre-wire connectors.

• Refer to page 11-7-14 for applicable switches other than those indicated above.

• For F7NWV, F7BWV switch types, refer to Best Pneumatics Vol. 8.