

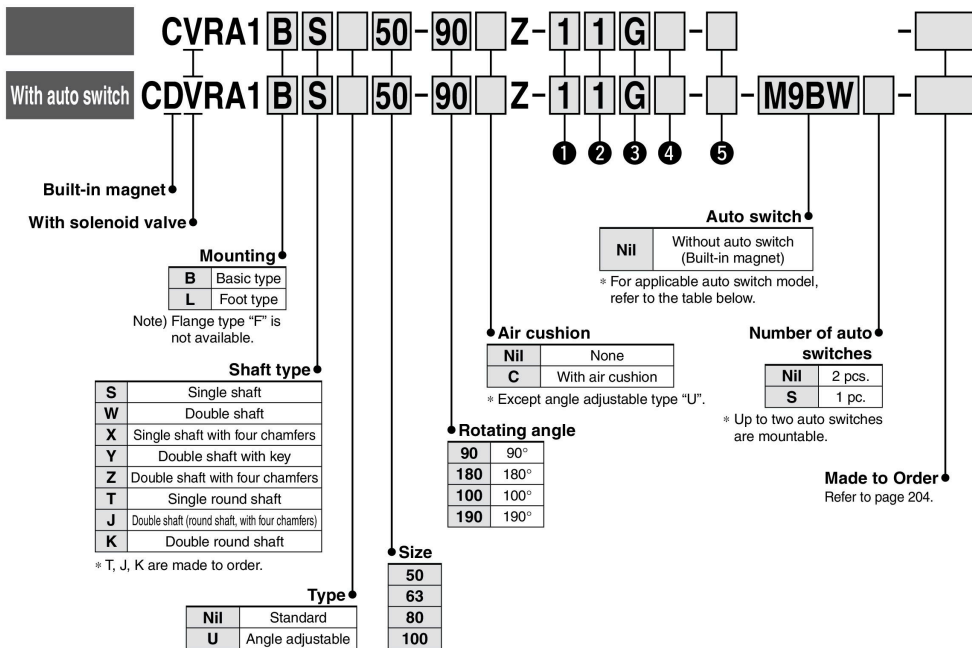
Rotary Actuator with Solenoid Valve

CVRA1 Series

RoHS

Rack & Pinion Type/Size: 50, 63, 80, 100

How to Order



Applicable Auto Switches/Refer to pages 797 to 850 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	Perpendicular	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	Relay, PLC	
				3-wire (PNP)			M9PV	M9P	●	●	○	○			
				2-wire	M9BV		M9B	●	●	○	○				
	3-wire (NPN)			5 V, 12 V	M9NWX		M9NWX	●	●	○	○	IC circuit			
	3-wire (PNP)				M9PWV		M9PW	●	●	○	○				
	Water resistant (2-color indicator)			Grommet	No		2-wire	12 V	M9BWX	M9BW	●	●	○		○
		3-wire (NPN)	5 V, 12 V			M9NAV ^{*1}	M9NA ^{*1}		○	○	○	○	IC circuit		
		3-wire (PNP)				M9PAV ^{*1}	M9PA ^{*1}	○	○	○	○				
	Reed auto switch	—	Grommet	Yes	3-wire (NPN equivalent)	—	5 V	—	A96V	A96	●	—	—	IC circuit	—
2-wire					24 V	12 V	100 V	A93V ^{*2}	A93	●	●	●	—	—	Relay, PLC
			No	2-wire	24 V	12 V	100 V or less	A90V	A90	●	●	—	—	IC circuit	—

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

* 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

* Refer to pages 837 and 838 for detailed solid state auto switches with pre-wired connectors.

* Auto switches marked with "○" are produced upon receipt of order.

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