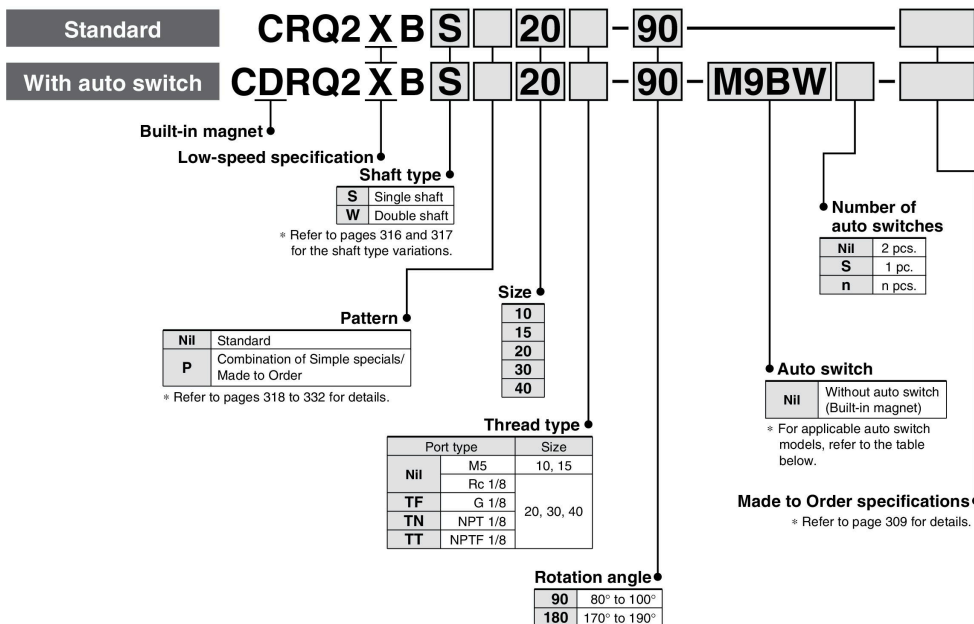


Low-Speed Compact Rotary Actuator Rack & Pinion Type

CRQ2X Series

Size: 10, 15, 20, 30, 40

How to Order



Applicable Auto Switches

Refer to pages 797 to 850 for detailed auto switch specification.

Type	Special function	Electrical entry	Indicator light	Wiring (Output)	Load voltage		Auto switch model		Lead wire length (m) ^{*1}					Pre-wired connector	Applicable load	
					DC	AC	Perpendicular	In-line	0.5 (Nil)	1 (M)	3 (L)	5 (Z)	Relay, PLC			
													IC circuit		—	
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	●	●	●	○	○			
	Diagnostic indication (2-color indicator)			3-wire (NPN)	M9NVW		M9NW	●	●	●	○	○	IC circuit			
				3-wire (PNP)	M9PVW		M9PW	●	●	●	○	○				
				2-wire	M9BWW		M9BW	●	●	●	○	○				
	Water resistant (2-color indicator)			3-wire (NPN)	M9NAV ^{*1}		M9NA ^{*1}	○	○	●	○	○	IC circuit			
				3-wire (PNP)	M9PAV ^{*1}		M9PA ^{*1}	○	○	●	○	○				
				2-wire	M9BAV ^{*1}		M9BA ^{*1}	○	○	●	○	○				
Reed auto switch	—	Grommet	Yes	3-wire (NPN equiv.)	5 V	—	A96V	A96	●	●	—	—	IC circuit	—		
				2-wire			100 V	A93V ^{*2}	A93	●	●	●			—	Relay, PLC
							100 V or less	A90V	A90	●	●	—			—	

*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) M9NV
1 m M (Example) M9NVW
3 m L (Example) M9NVWL
5 m Z (Example) M9NVWZ

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

* Refer to pages 837 and 838 for the details of solid state auto switch with pre-wired connector.

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