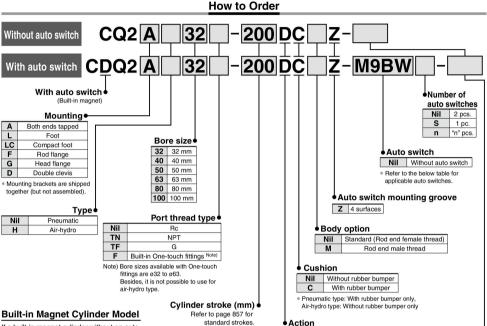
## **Compact Cylinder: Long Stroke Double Acting, Single Rod**

## CQ2 Series

Ø32, Ø40, Ø50, Ø63, Ø80, Ø100



## 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) CDQ2L40-200DCZ

Refer to pages 1575 to 1701 for further information on auto switches. Applicable Auto Switches/Refer to pages 1630 and 1631 for the D-P3DW type.

	Special function	Electrical entry	Indicator light		L	oad volta	age	Auto swit	Lead wire length (m)				(m)				
Туре				Wiring (Output)	DC		AC	Perpendicular	erpendicular In-line 0.5 1 3 5 Non (Nil) (M) (L) (Z) (N)		None (N)	Pre-wired connector	Applicable load				
Solid state auto switch	Diagnostic indication (2-color indicator)	Grommet	Yes	3-wire (NPN)	24 V	5 V,	′	M9NV	M9N	•	•	•	0	_	0	IC circuit	Relay,
				3-wire (PNP)		12 V		M9PV	M9P	•	•	•	0	_	0		
				2-wire		12 V 5 V,		M9BV	M9B	•	•	•	0	_	0	_	
				3-wire (NPN)				M9NWV	M9NW	•	•	•	0	_	0	IC circuit	
				3-wire (PNP)		12 V		M9PWV	M9PW	•	•	•	0	Ī	0	IC CITCUIT	
				2-wire		12 V	12 V	M9BWV	M9BW	•	•	•	0	_	0	_	
	Water resistant (2-color indicator)			3-wire (NPN)		5 V, 12 V		M9NAV*1	M9NA*1	0	0	•	0	Ī	0	IC circuit	
				3-wire (PNP)			_	M9PAV*1	M9PA*1	0	0	•	0	_	0		
				2-wire				M9BAV*1	M9BA*1	0	0	•	0	_	0		
	Magnetic field resistant (2-color indicator)			2-wire (Non-polar)		_		_	P3DWA	•	-	•	•	_	0	1 -	
Reed auto switch	_	Grommet	Yes	3-wire (NPN equivalent)	_	5 V	_	A96V	A96	•	-	•	_	_	_	IC circuit	
				2-wire 2	24 V	12 V	100 V	A93V*2	A93	•	•	•	•	_	_	_	Relay,
						5 V,12 V	100 V or less	A90V	A90	•	_	•	-	-	_	IC circuit	PLC

<sup>\$1</sup> 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) M9NW

(Example) M9NWM 1 m ..... M 3 m ..... L (Example) M9NWL (Example) M9NWZ

D Double acting

Made to Order

Refer to page 857 for details.

<sup>\*</sup> Solid state auto switches marked with "○" are produced upon receipt of order.

There are other applicable auto switches other than the listed above. For details, refer to page 970.

<sup>\*</sup> For details about auto switches with pre-wired connector, refer to pages 1648 and 1649.