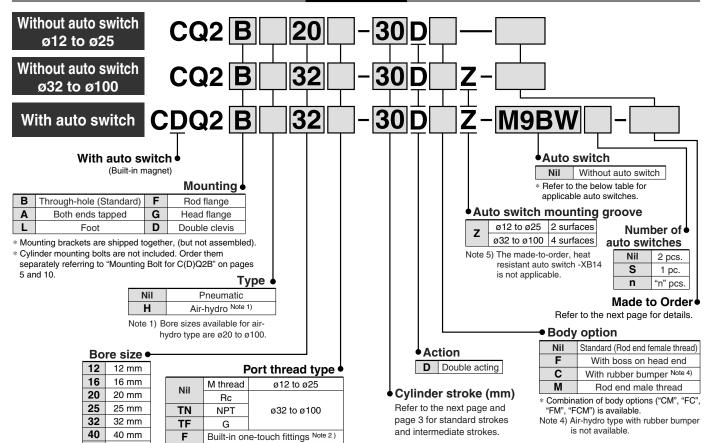
## **Compact Cylinder: Standard Double Acting, Single Rod**

## Series CQ2

ø12, ø16, ø20, ø25, ø32, ø40, ø50, ø63, ø80, ø100

## How to Order



## **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) CDQ2L32-25DZ

Refer to pages 1263 to 1371 in Best Pneumatics No. 2 for further information on auto switches.

Applicable Auto Switches/Refer to the individual catalog (ES20-201) for the D-P3DW type.

use for air-hydro type. Note 3) "TF" is not available for air-hydro type.

compatible only for ø32-5 mm stroke.

Note 2) Bore sizes available with one-touch fittings

\* For cylinders without auto switch, M threads are

are Ø32 to Ø63. Besides, it is not possible to

Туре	Special function	Electrical entry	Indicator light	VA/:i	Load voltage			Auto switch model		Lead wire length (m)				(m)	Dun suinn d		
				Wiring (Output)	DC		AC	Perpendicular	In-line	0.5 (Nil)	1 (M)	3 (L)		None (N)		Applical	ble load
Solid state auto switch		Grommet	Yes	3-wire (NPN)	24 V	5 V,		M9NV	M9N	•	•	•	0	_	0	IC circuit	
				3-wire (PNP)		12 V		M9PV	M9P	•	•	•	0	_	0		
				2-wire		12 V		M9BV	M9B	•	•	•	0	_	0	_	
	Diagnostic indication (2-color indication)			3-wire (NPN)		5 V,		M9NWV	M9NW	•	•	•	0	_	0	10	
				3-wire (PNP)		12 V		M9PWV	M9PW	•	•	•	0	_	0	IC circuit	
				2-wire		12 V		M9BWV	M9BW	•	•	•	0	_	0	_	PLC
	Water resistant (2-color indication)			3-wire (NPN)		5 V,		M9NAV**	M9NA**	0	0	•		_	0	IC circuit	it
				3-wire (PNP)		12 V		M9PAV**	M9PA**	0	0	•	0	_	0	IC Circuit	
				2-wire		12 V		M9BAV**	M9BA**	0	0	•	0	_	0		
	Magnetic field resistant (2-color indication)			2-wire (Non-polar)		_		_	P3DW	•	_	•	•	_	0	_	
Reed auto switch		Grommet	Yes No	3-wire (NPN equivalent)	_	5 V	_	A96V	A96	•	_	•	_	I —	_	IC circuit	_
				2-wire 24 V	12 V	100 V	A93V	A93	•	_	•	_	_	_	_	Relay,	
				2-wire	ire 24 V	5 V,12 V	100 V or less	A90V	A90	•	_	•	_	-	_	IC circuit	PLC

- \* \* Water resistant type auto switches can be mounted on the above models, but in such case SMC cannot guarantee water resistance. If water resistance is needed, we recommend water resistant cylinders be used. (Page 156)
- \* Lead wire length symbols: 0.5 m ······ Nil (Example) M9NW

50

63

80

100

50 mm

63 mm

80 mm

100 mm

- 1 m ..... M (Example) M9NWM
- (Example) M9NWL (Example) M9NWZ
- Solid state auto switches marked with "O" are produced upon receipt of order.
- The D-P3DW□ type is available from ø32 to ø100 only.
- \* There are other applicable auto switches other than the listed above. For details, refer to page 175.
- \* For details about auto switches with pre-wired connector, refer to pages 1328 and 1329 in Best Pneumatics No. 2.

