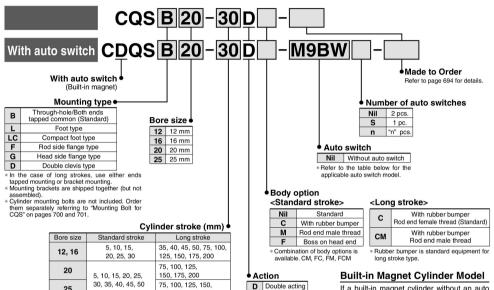
## **Compact Cylinder: Standard Type Double Acting, Single Rod**

CQS Series

ø12. ø16, ø20, ø25

## **How to Order**



Applicable Auto Switches/Refer to pages 1575 to 1701 for further information on auto switches.

175, 200, 250, 300

	Special function	Electrical entry	Indicator light	140	Load voltage			Auto switch model		Lead wire length (m)						
Туре				Wiring (Output)	DC		AC	Perpendicular In-line		0.5 (Nil)	1 (M)	3 (L)	5	Pre-wired connector	Applicable load	
Reed auto switch	_	Grommet	Yes	3-wire (NPN)	24 V	5 V, 12 V		M9NV	M9N	•	•	•	0	0	IC circuit	Relay,
				3-wire (PNP)				M9PV	M9P	•	•	•	0	0		
				2-wire		12 V		M9BV	M9B	•	•	•	0	0	_	
	Diagnostic indication (2-color indicator)			3-wire (NPN)		5 V, 12 V		M9NWV	M9NW	•	•	•	0	0	IC circuit  IC circuit	
				3-wire (PNP)				M9PWV	M9PW	•	•	•	0	0		
				2-wire		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	0		
				3-wire (PNP)				M9PAV*1	M9PA*1	0	0	•	0	0		
				2-wire		12 V		M9BAV*1	M9BA*1	0	0	•	0	0		
	Magnetic field resistant (2-color indicator)			2-wire (Non-polar)		_		_	P3DWA**	•	_	•	•	0	1	
	_	Grommet	Yes No	3-wire (NPN equivalent)	_	5 V	_	A96V	A96	•	-	•	_	_	IC circuit	_
				2-wire 24 V	04.1/	12 V	100 V	A93V*2	A93	•	•	•	•	_	_	Relay,
					24 V		100 V or less	A90V	A90	•	-	•	-	_	IC circuit	PLC

- \*1 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

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- \* Lead wire length symbols: 0.5 m..... Nil (Example) M9NW

For "Manufacture of Intermediate Strokes", refer to page 694.

- 1 m----- M (Example) M9NWM 3 m----- L (Example) M9NWL
- \* Solid state auto switches marked with "O" are produced upon receipt of order.
- \*\* Available only for ø25.
  - It is mounted away from the port side to avoid interference with fittings.
- 5 m ...... Z (Example) M9NWZ \* Since there are other applicable auto switches than listed, refer to page 749 for details
- \* For details about auto switches with pre-wired connector, refer to pages 1648 and 1649.
- Auto switches are shipped together (not assembled)
- Note) There is the case D-A9\(\subseteq \text{V/M9}\subseteq \text{V/M9}\subseteq \text{WV/M9}\subseteq \text{WV/M9}\subseteq \text{Avtype auto switches cannot be mounted on the port surface, depending on the cylinder's stroke and the fitting size for piping. Consult with SMC for details.



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CUJ

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) CDQSL25-30D

CU cas

JCQ C<sub>02</sub>

RQ COM

CQU

MU

D-□

-X□ Technical