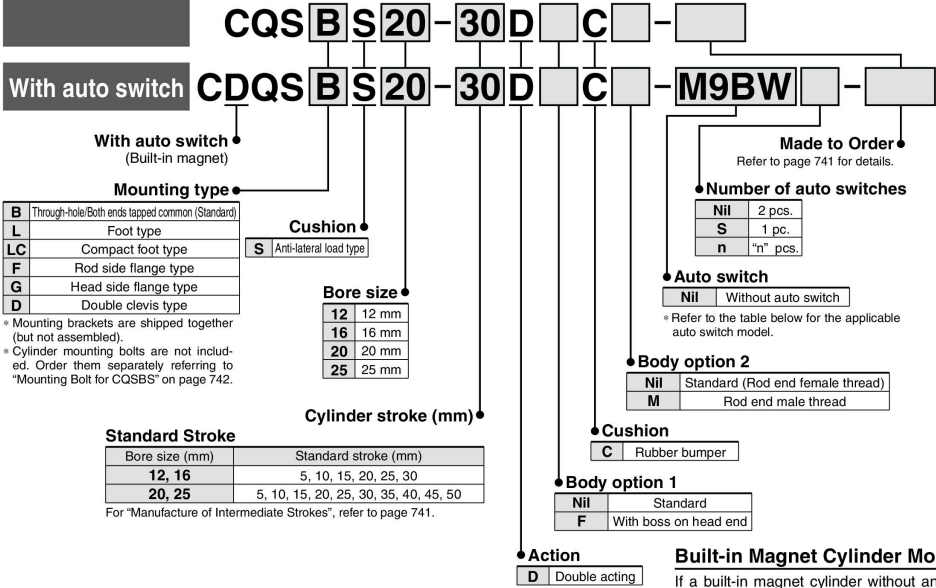


Compact Cylinder: Anti-lateral Load Type

CQS□S Series

∅12, ∅16, ∅20, ∅25

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) CDQSL12-25D

Applicable Auto Switches/Refer to pages 1575 to 1701 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 (NII)	1 (M)	3 (L)	5 (Z)					
Solid state auto switch	—	Grommet	Yes	3-wire (NPN)	24 V	5 V, 12 V	—	M9NV	M9N	●	●	●	○	IC circuit	Relay, PLC		
				3-wire (PNP)				M9PV	M9P	●	●	○	○				
	2-wire			M9BV	M9B	●	●	●	○	○	—						
	3-wire (NPN)			M9NWV	M9NV	●	●	●	○	○	IC circuit						
	3-wire (PNP)			M9PWV	M9PV	●	●	●	○	○	—						
	2-wire			M9BWW	M9BW	●	●	○	○	○	—						
Reed auto switch	—	Grommet	Yes	3-wire (NPN equivalent)	24 V	12 V	—	A96V	A96	●	●	●	—	IC circuit	—		
				2-wire				A93V*2	A93	●	●	●	●	—	—	Relay, PLC	
				No	2-wire	24 V	12 V	100 V or less	A90V	A90	●	●	●	—	—	IC circuit	—
									M9NAV*1	M9NA*1	○	○	○	○	○	—	—
									M9PAV*1	M9PA*1	○	○	○	○	○	—	—
									M9BAV*1	M9BA*1	○	○	○	○	○	—	—

*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.

* Lead wire length symbols: 0.5 m..... Nil (Example) M9NW
1 m..... M (Example) M9NWM
3 m..... L (Example) M9NWL
5 m..... Z (Example) M9NWX

* Solid state auto switches marked with "○" are produced upon receipt of order.

* 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□V/M9□V/M9□V/M9□AV type 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.