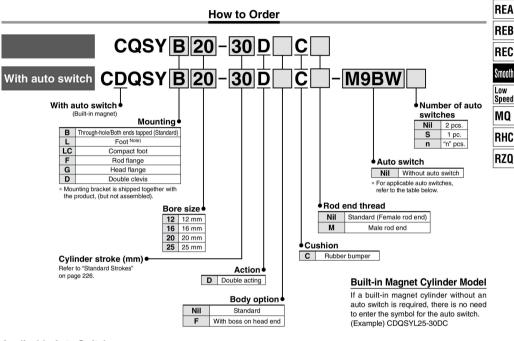
Smooth Cylinder CQSY Series ø12. ø16. ø20. ø25



Applicable Auto Switches/Refer to pages 941 to 1067 for further information on auto switches.

Туре	Special function	Electrical entry	Indicator light	Wiring (Output)	Load voltage			Auto switch model		Lead wire (m)				Dun ordered		
						DC	AC	Perpendicular	In-line	0.5 (Nil)	1 (M)	3 (L)	5 (Z)	Pre-wired connector	Applical	able load
Solid state 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	
				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	IC circuit	
				3-wire (PNP)				M9PAV*1	M9PA*1	0	0	•	0	0	IC CITCUIT	
				2-wire		12 V		M9BAV*1	M9BA*1	0	0	•	0	0	-	
	Magnetic field resistant (2-color indicator)			2-wire (Non-polar)		_		_	P3DWA**	•	_	•	•	0		
Reed auto switch	_	Grommet	Yes	3-wire (NPN equivalent)	_	5 V	-	A96V	A96	•	-	•	-	_	IC circuit	_
				2-wire	24 V	12 V	100 V	A93V*2	A93	•	•	•	•	_	_	Relay,
			No				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. Please 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
- Solid state auto switches marked with "O" are produced upon receipt of order.
- ** The D-P3DW is only compatible with ø25.
- It is mounted away from the port side to avoid interference with fittings. 5 mZ (Example) M9NWZ
- * Since there are other applicable auto switches than listed, refer to page 232 for details. * For details about auto switches with pre-wired connector, refer to pages 1014 and 1015.
- Auto switches are shipped together, (but not assembled).

Note) The D-A9 \(V/M9 \) \(V/M9 \) \(V/M9 \) \(AV \) auto switches may not be mounted on the port side depending on the cylinder stroke or the fitting size of piping.



