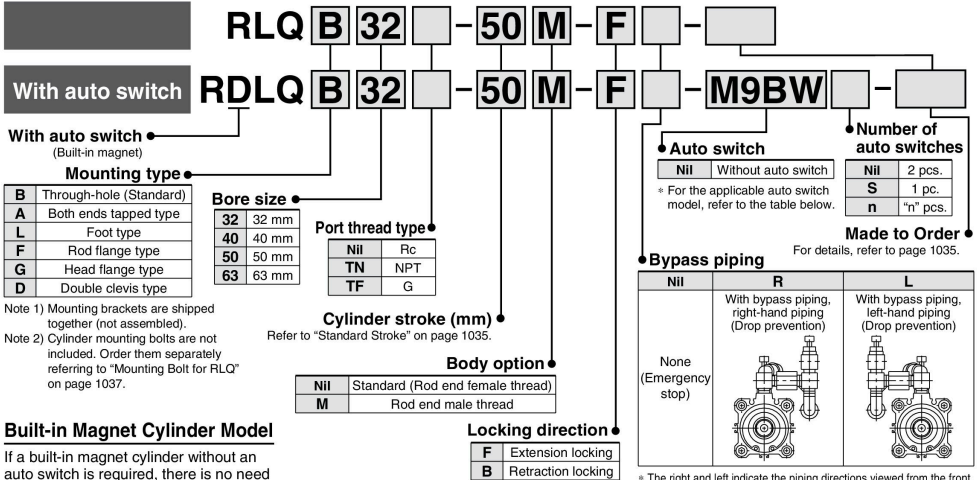


Compact Cylinder with Air Cushion and Lock

RLQ Series

ø32, ø40, ø50, ø63

How to Order



Note 1) Mounting brackets are shipped together (not assembled).
 Note 2) Cylinder mounting bolts are not included. Order them separately referring to "Mounting Bolt for RLQ" on page 1037.

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) RDLQL40-50-B

Applicable Auto Switches

Refer to pages 1119 to 1245 for detailed auto switch specifications.

Type	Special function	Electrical entry direction	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 (NI)	1 (M)	3 (L)	5 (Z)	None (N)						
Solid state auto switch	—	Grommet	No	3-wire (NPN)	24 V	5 V, 12 V	—	M9NV	M9N	●	●	○	—	○	IC circuit				
				3-wire (PNP)				M9BV	M9B	●	●	○	—	○					
		2-wire	J79C	—				●	—	●	—	—	—						
		—	—	—				—	—	—	—	—	—						
	Diagnostic indication (2-color indicator)	Grommet	Yes	3-wire (NPN)	24 V	5 V, 12 V	—	M9NWV	M9NW	●	●	○	—	○	IC circuit				
				3-wire (PNP)				M9PWW	M9PW	●	●	○	—	○					
				2-wire				M9BWW	M9B	●	●	○	—	○					
		3-wire (NPN)	M9NAV*1	M9NA*1				○	○	●	—	○	IC circuit						
		3-wire (PNP)	M9PAV*1	M9PA*1				○	○	●	—	○							
		2-wire	M9BAV*1	M9BA*1				○	○	○	—	○							
Water resistant (2-color indicator)	Grommet	No	4-wire	24 V	5 V, 12 V	—	—	F79F	—	●	—	○	—	IC circuit					
			2-wire (Non-polar)				—	P3DWA**	●	—	●	—	○		—				
Reed auto switch	—	Grommet	Yes	3-wire (NPN equiv.)	24 V	5 V, 12 V	—	A96V	A96	●	—	●	—	—	IC circuit				
				—				A72	A72H	●	—	●	—	—					
				—				A93V*2	A93	●	—	●	—	—					
		Connector	No	Yes				2-wire	24 V	5 V, 12 V	—	—	A90V	A90	●	—	●	—	IC circuit
								—				A73C	—	●	—	●	—	—	
								—				A80C	—	●	—	●	—	—	
Grommet	No	Yes	2-wire	24 V or less	5 V, 12 V	—	—	A79W				—	●	—	●	—	IC circuit		
			—				—	—				●	—	●	—	—			

*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 NI (Example) M9NW
 1 m M (Example) M9NWM
 3 m L (Example) M9NWL
 5 m Z (Example) M9NWZ
 None N (Example) J79CN

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

* Besides the models in the above table, there are some other auto switches that are applicable. For more information, refer to page 1053.

* Refer to pages 1192 and 1193 for the details of auto switches with a pre-wired connector.

* When mounting D-A93(V)/M9C(V)/M9C(W(V))/M9C(A(V)) types on a side other than the port side as for bore 32 to 50, order auto switch mounting brackets separately. Refer to page 1052 for details.

* When mounting brackets (foot/head side flange/double clevis type) are used, then in some cases auto switches cannot be retrofitted.