

3 Position Cylinder Series *RZQ*

ø32, ø40, ø50, ø63

How to Order

RZQ A 32 **-200-** **100-** **M9BW**

Mounting bracket

A	Both ends tapped
B	Through-hole
L	Foot style
F	Rod side flange style
G	Head side flange style
D	Double clevis style

Bore size

32	32 mm
40	40 mm
50	50 mm
63	63 mm

Thread type

Nil	Rc
TN	NPT
TF	G

Number of auto switches

Nil	2 pcs.
S	1 pc.
n	"n" pcs.

Auto switch

Nil	Without auto switch (Built-in magnet)
-----	---------------------------------------

First-stage stroke
Refer to "Standard Stroke".

Full stroke
Refer to "Standard Stroke".
* Full stroke is 75 mm or less in the case of RZQB (through-hole type).

Mounting Bracket Part No.

Bore size (mm)	Foot ^{Note 1)}	Flange	Double clevis ^{Note 2)}
32	RZQ-L032	RZQ-F032	RZQ-D032
40	RZQ-L040	RZQ-F040	RZQ-D040
50	RZQ-L050	RZQ-F050	RZQ-D050
63	RZQ-L063	RZQ-F063	RZQ-D063

Note 1) When ordering foot brackets, order two pieces per cylinder.

Note 2) The following parts are included with each mounting bracket.

Foot, Flange/Body mounting bolts

Double clevis/Clevis pins, type C retaining ring for axis, Body mounting bolts

Applicable Auto Switch/Refer to pages 1719 to 1827 for detailed auto switch specifications.

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 (Nil)	1 (M)	3 (L)	5 (Z)	None (N)						
Solid state switch	—	Grommet	Yes	3-wire (NPN)	24V	5 V, 12 V	—	M9NV	M9N	●	●	●	○	—	○	IC circuit	Relay, PLC		
		3-wire (PNP)		M9PV				M9P	●	●	●	○	—	○					
	Connector	2-wire		12 V				M9BV	M9B	●	●	●	○	—	○	—			
		J79C		—				●	—	●	●	●	—	—					
	Diagnostic indication (2-color indication)	Grommet		3-wire (NPN)				5 V, 12 V	M9NVW	M9NW	●	●	●	○	—	○		IC circuit	
				3-wire (PNP)				12 V	M9PWV	M9PW	●	●	●	○	—	○			
	2-wire			12 V				M9BWV	M9BW	●	○	●	○	—	○	—			
	3-wire (NPN)			5 V, 12 V				M9NAV**	M9NA**	○	○	●	○	—	○			IC circuit	
	3-wire (PNP)			12 V				M9PAV**	M9PA**	○	○	●	○	—	○				
	2-wire			12 V				M9BAV**	M9BA**	○	○	●	○	—	○	—			
	4-wire			5 V, 12 V				—	F79F	●	—	●	○	—	○			IC circuit	
	2-wire (Non-polar)			—				—	P4DW	—	—	●	●	—	○	—			
Reed switch	—	Grommet	Yes	3-wire (NPN Equiv.)	—	5 V	—	A96V	A96	●	—	●	—	—	—	IC circuit	Relay, PLC		
								—	200 V	A72	A72H	●	—	●	—			—	—
		Connector		2-wire				12 V	100 V	A93V	A93	●	—	●	—	—		—	—
								5 V, 12 V	100 V or less	A90V	A90	●	—	●	—	—		—	
	Diagnostic indication (2-color indication)	Grommet						12 V	—	A73C	—	●	—	●	●	●		—	—
								5 V, 12 V	24 V or less	A80C	—	●	—	●	●	●		—	
				—				—	A79W	—	●	—	●	—	—	—		—	
				—				—	—	—	—	—	—	—	—	—			—

** 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.

* Lead wire length symbols: 0.5 m Nil (Example) M9NW
1 m M (Example) M9NWM
3 m L (Example) M9NWL
5 m Z (Example) M9NWZ
None N (Example) J79CN

* Auto switches marked with a "○" symbol are produced upon receipt of order.

* D-P4DWL is available in sizes ø40 to ø63.

* Only D-P4DW type is assembled at the time of shipment.

* In addition to the models in the above table, there are some other auto switches that are applicable. For more information, refer to page 1230.

* Refer to pages 1784 and 1785 for the details of auto switches with a pre-wired connector.

* When D-A9□(V)/M9□(V)/M9□W(V)/M9□A(V)L types with ø32 to ø50 are mounted on a side other than the port side, order auto switch mounting brackets separately. Refer to page 1230 for details.

REA

REB

REC

C□Y

C□X

MQ

RHC

RZQ

D-□

-X□

Individual

-X□