

Rotary Table/Rack & Pinion Style Series **MSQ**

Size: 1, 2, 3, 7

How to Order

High precision type

MSQA 1 A □ - M9BW □

Basic type

MSQB 1 A □ - M9BW □

Size

1
2
3
7

A With adjustment bolt

Number of auto switches

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

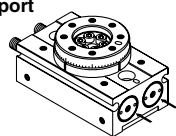
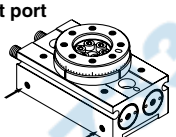
Auto switch type

Nil Without auto switch (built-in magnet)

* Refer to the table below for auto switch types.

* The auto switch is included in the package (unmounted).

Port location

Nil	End port 
E	Front port 

Applicable Auto Switch/Refer to pages 761 to 809 for detailed auto switch specification.

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)			
Solid state switch	—	Grommet	Yes	3-wire (NPN)	5 V, 12 V	—	M9NV	M9N	●	●	●	○	○	IC circuit	Relay, PLC
				3-wire (PNP)			F8N	—	●	—	●	○	—		
				2-wire	12 V	M9PV	M9P	●	●	●	○	○			
				F8P	—	●	—	●	○	—					
				M9BV	M9B	●	●	●	○	○					
				F8B	—	●	—	●	○	—					
	Diagnostic indication (2-color display)	Grommet	Yes	3-wire (NPN)	5 V, 12 V	—	M9NWV	M9NW	●	●	●	○	○	IC circuit	
				3-wire (PNP)			M9PWV	M9PW	●	●	●	○	○		
				2-wire	12 V	M9B WV	M9B W	●	●	●	○	○			
				M9NAV**	M9NA**	○	○	●	○	○					
				M9PAV**	M9PA**	○	○	●	○	○					
				M9BAV**	M9BA**	○	○	●	○	○					
Water resistant (2-color indication)	Grommet	Yes	3-wire (NPN)	5 V, 12 V	—	M9NAV**	M9NA**	○	○	●	○	○	IC circuit		
			3-wire (PNP)			M9PAV**	M9PA**	○	○	●	○	○			
			2-wire	12 V	M9BAV**	M9BA**	○	○	●	○	○				
			—	—	—	—	—	—	—	—	—				

** Although it is possible to mount water resistant type auto switches, note that the rotary actuator itself is not of water resistant construction.

* 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

* Auto switches marked with "○" are made to order specification.

Note 1) When using D-F8□, mount it at a distance of 10 mm or more from magnetic substances such as iron.

* Auto switches are shipped together, (but not assembled).



Refer to pages 796 and 797 for the details of solid state auto switch with pre-wired connector.