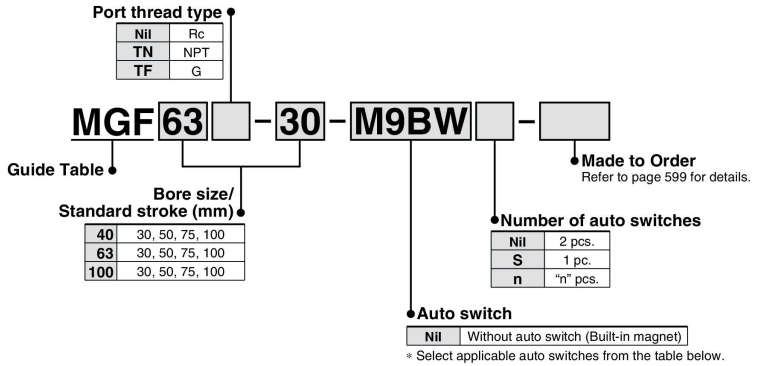


# Guide Table

# MGF Series

Ø40, Ø63, Ø100

## How to Order



### Applicable Auto Switches/Refer to pages 1119 to 1245 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 (Nil)	1 (M)	3 (L)	5 (Z)		IC circuit	Relay, PLC	
Solid state auto switch	—	Grommet	Yes	3-wire (NPN)	5 V, 12 V	—	M9NV	M9N	●	●	●	○	○	IC circuit	Relay, PLC	
				3-wire (PNP)			M9PV	M9P	●	●	●	○	○			
				2-wire	M9BV	M9B	●	●	●	○	○	—				
				3-wire (NPN)	M9NWV	M9NW	●	●	●	○	○	IC circuit				
	Diagnostic indication (2-color indicator)	Grommet	Yes	3-wire (PNP)	5 V, 12 V	—	M9PWV	M9PW	●	●	●	○	○	IC circuit		
				2-wire			M9BWV	M9BW	●	●	●	○	○	—		
				3-wire (NPN)	M9NAV**	M9NA**	○	○	●	○	○	IC circuit				
				3-wire (PNP)	M9PAV**	M9PA**	○	○	●	○	○	IC circuit				
Water resistant (2-color indicator)	Grommet	Yes	2-wire	5 V, 12 V	—	M9BAV**	M9BA**	○	○	●	○	○	—			
			3-wire (NPN equivalent)			—	Z76	●	—	●	—	—	IC circuit			
			—	Grommet	No	2-wire	24 V	12 V	100 V	Z73	●	—	●	—	—	Relay, PLC
									100 V or less	Z80	●	—	●	—	—	IC circuit

\*\* 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  
1 m ..... M  
3 m ..... L  
5 m ..... Z

(Example) M9NW  
(Example) M9NWM  
(Example) M9NWL  
(Example) M9NWZ

\* Solid state auto switches marked with "○" are produced upon receipt of order.  
\* ○ : D-A9□/A9□V cannot be mounted.

\* Since there are other applicable auto switches than listed, refer to page 605 for details.  
\* For details about auto switches with pre-wired connector, refer to pages 1192 and 1193.  
\* Auto switches are shipped together (not assembled).