Guide Table
Series MGF
ø40, ø63, ø100

How to Order

Port thread type

Nil	Rc
TN	NPT
TF	G

MGF **63** □ – **30** – **M9BW** □ – □

Guide Table

Bore size/ Standard stroke (mm)

40	30, 50, 75, 100
63	30, 50, 75, 100
100	30, 50, 75, 100

Number of auto switches

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

Made to Order
Refer to page 413 for details.

Auto switch

Nil	Without auto switch (Built-in magnet)

∗ Select applicable auto switches from the table below.

Applicable Auto Switch/Refer to pages 1719 to 1827 for further information on auto switches.

Type	Special function	Electrical entry	Indicator light	Wiring (Output)	Load voltage DC	Load voltage AC	Auto switch model Perpendicular	Auto switch model In-line	Lead wire length (m) 0.5 (Nil)	1 (M)	3 (L)	5 (Z)	Pre-wired connector	Applicable load	
Solid state switch	——	Grommet	Yes	3-wire (NPN)	5 V, 12 V	—	M9NV	M9N	●	●	●	○	○	IC circuit	Relay, PLC
				3-wire (PNP)			M9PV	M9P	●	●	●	○	○		
				2-wire	12 V		M9BV	M9B	●	●	●	○	○	—	
	Diagnostic indication (2-color indication)			3-wire (NPN)	5 V, 12 V		M9NWV	M9NW	●	●	●	○	○	IC circuit	
				3-wire (PNP)			M9PWV	M9PW	●	●	●	○	○		
				2-wire	12 V		M9BWV	M9BW	●	●	●	○	○	—	
	Water resistant (2-color indication)			3-wire (NPN)	5 V, 12 V		M9NAV	M9NA	○	○	●	○	○	IC circuit	
				3-wire (PNP)			M9PAV	M9PA	○	○	●	○	○		
				2-wire	12 V		M9BAV	M9BA	○	○	●	○	○	—	
Reed switch	——	Grommet	Yes	3-wire (NPN equivalent)	5 V	—	—	Z76	●	—	●	—	—	IC circuit	—
			No	2-wire	12 V	100 V	—	Z73	●	—	●	—	—	—	Relay, PLC
						100 V or less	—	Z80	●	—	●	—	—	IC circuit	

∗ 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

∗ 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 419 for details.
∗ For details about auto switches with pre-wired connector, refer to pages 1784 and 1785.
∗ Auto switches are shipped together (not assembled).