

Double Power Cylinder/ Without Non-rotating Mechanism

MGZR Series

ø20, ø25, ø32, ø40, ø50, ø63, ø80

How to Order

MGZR **40** **Z** - **100** - **M9BW** -

Without
non-rotating mechanism

Mounting type

Nil	Basic type
L	Transaxial foot type
F	Rod flange type
G	Head flange type
D	Double clevis type

Bore size

20	20 mm
25	25 mm
32	32 mm
40	40 mm
50	50 mm
63	63 mm
80	80 mm

Thread type

Nil	M5 x 0.8	ø20
	Rc	ø25
TN	NPT	ø32
		ø40
		ø50
TF	G	ø63
		ø80

Made to Order
For details, refer to page 625.

Number of auto switches

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

Auto switch

Nil	Without auto switch (Built-in magnet)
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* For the applicable auto switch model, refer to the table below.

Cylinder stroke (mm)

Refer to "Standard Stroke" on page 625.

Coil scraper

Nil	Without coil scraper
Z	With coil scraper

Applicable Auto Switches/Refer to pages 1119 to 1245 for detailed specifications of 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)				
Solid state auto switch	—	Grommet	Yes	3-wire (NPN)	24 V	5 V, 12 V	—	M9NV	M9N	●	●	●	○	○	IC circuit	Relay, PLC
	3-wire (PNP)			M9PV				M9P	●	●	●	○	○			
	2-wire			M9BV				M9B	●	●	●	○	○			
	Diagnostic indication (2-color indicator)			3-wire (NPN)				M9NWV	M9NW	●	●	●	○	○	IC circuit	
	3-wire (PNP)			M9PWW				M9PW	●	●	●	○	○			
	2-wire			M9BWV				M9BW	●	●	●	○	○			
	Water resistant (2-color indicator)			3-wire (NPN)				M9NAV ^{*1}	M9NA ^{*1}	○	○	●	○	○	IC circuit	
				3-wire (PNP)				M9PAV ^{*1}	M9PA ^{*1}	○	○	●	○	○		
2-wire		M9BAV ^{*1}	M9BA ^{*1}	○	○	●	○	○								
—		—	—	—	—	—	—	—								
Reed auto switch	—	Grommet	Yes	3-wire (NPN equiv.)	—	5 V	—	A96V	A96	●	—	●	—	—	IC circuit	—
			No	2-wire	24 V	12 V	100 V or less	A93V ^{*2}	A93	●	●	●	●	—	—	Relay, PLC
								A90V	A90	●	—	●	—	—	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 Nil (Example) M9NW
1 m M (Example) M9NWM
3 m L (Example) M9NLW
5 m Z (Example) M9NZW

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

* Refer to page 631 for applicable auto switches other than listed above.

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

* Auto switches are shipped together (not assembled).