

Parallel Type Air Gripper with Dust Cover

MHZJ2 Series

ø6, ø10, ø16, ø20, ø25, ø32, ø40

How to Order

MHZJ2-16 D - M9BW

Number of fingers
2 | 2 fingers

Bore size

6	6 mm
10	10 mm
16	16 mm
20	20 mm
25	25 mm

Action

D	Double acting
S	Single acting (Normally open)
C	Single acting (Normally closed)

Body option

* ø32, ø40: Made to Order (For details, refer to page 451.)
* ø6 is only applicable with basic type.

Made to Order
Refer to page 441 for details.

Number of auto switches

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

Auto switch

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

* For the applicable auto switch model, refer to the table below.

Dust cover type

Nil	Chloroprene rubber (CR)
F	Fluororubber (FKM)
S	Silicone rubber (Si)

Nil: Basic type

E: End boss type Side ported (Double acting /Single acting)

W: End boss type Axial ported with ø4 One-touch fitting for coaxial tubing (Double acting)

K: End boss type Axial ported with ø4 One-touch fitting for coaxial tubing (Single acting)

M: End boss type Axial ported with M5 port (Single acting)

Applicable Auto Switches

Refer to pages 797 to 850 for further information on the auto switch.

Type	Special function	Electrical entry	Indicator light	Wiring (Output)	Load voltage		Auto switch model		Lead wire length (m) *					Applicable model				Pre-wired connector	Applicable load		
					DC	AC	Electrical entry direction		0.5 (Nil)	1 (M)	3 (L)	5 (Z)	ø6	ø10	ø16	ø20	ø25				
							Perpendicular	In-line													
Solid state auto switch	—	Grommet	Yes	3-wire (NPN)	5 V, 12 V	12 V	24 V	—	M9NV	M9N	●	●	●	○	●	●	●	●	○	IC circuit	Relay, PLC
				F8N					—	●	—	●	○	—	●	●	—	—			
				M9PV					M9P	●	●	●	○	●	●	●	●	○	—		
				F8P					—	●	—	●	○	—	●	●	—	—			
				M9BV					M9B	●	●	●	○	●	●	●	●	○	—		
				F8B					—	●	—	●	○	—	●	●	—	—			
	Diagnosis (2-color indicator)	Grommet	Yes	3-wire (NPN)	5 V, 12 V	12 V	M9NWV	M9NW	●	●	●	○	●	●	●	●	○	IC circuit			
				M9PWV			M9PW	●	●	●	○	●	●	●	●	○					
				M9B WV			M9B W	●	●	●	○	●	●	●	●	○	—				
				M9NAV**			M9NA**	○	○	○	○	●	●	●	●	○	IC circuit				
				M9PAV**			M9PA**	○	○	○	○	●	●	●	●	○					
				M9BAV**			M9BA**	○	○	○	○	●	●	●	●	○			—		
	Water resistant (2-color indicator)	Grommet	Yes	3-wire (NPN)	5 V, 12 V	12 V	M9NAV**	M9NA**	○	○	○	○	●	●	●	●	○	IC circuit			
				M9PAV**			M9PA**	○	○	○	○	●	●	●	●	○					
				M9BAV**			M9BA**	○	○	○	○	●	●	●	●	○	—				

** Water resistant type auto switches can be mounted on the above models, but in such case SMC cannot guarantee water resistance.

* Lead wire length symbols: 0.5 m..... Nil (Example) M9NW

1 m..... M (Example) M9NWM

3 m..... L (Example) M9NWL

5 m..... Z (Example) M9NZW

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

Note 1) When using the 2-color indicator type, please make the setting so that the indicator is lit in red to ensure the detection at the proper position of the air gripper.

Note 2) When using a D-F8□ switch on sizes ø6, mount it at a distance of 10 mm or more from magnetic substances such as iron, etc.