# Parallel Type Air Gripper/2-Finger Type MHS2 Series Ø16, Ø20, Ø25, Ø32, Ø40, Ø50, Ø63

## How to Order

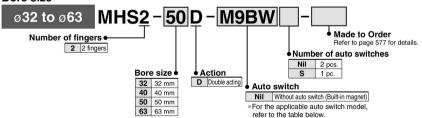
#### Bore size MHS2-20D-M9BW ø16 to ø25 Number of fingers • Number of auto switches 2 2 fingers Nil 2 pcs. Auto switch Bore size 1 pc. Nil Without auto switch (Built-in magnet) 16 16 mm Made to Order **20** 20 mm \*For the applicable auto switch model, Action refer to the table below. Refer to page 577 for details. 25 25 mm D Double acting

Applicable Auto Switches/Refer to pages 797 to 850 for further information on auto switches.

Туре	Special	Electrical entry	Indicator light	Wiring (Output)	Load voltage			Auto switch model		Lead wire length (m)*				Pre-wired	Applicable			
	function				DC		AC	Perpendicular	In-line	0.5 (Nil)	1 (M)	3 (L)	5 (Z)	connector	load			
	Diagnosis (2-color indicator)	Grommet	Yes	3-wire (NPN)	24 V	5 V,	_	M9NV	M9N	•	•	•	0	0	IC			
Solid state auto switch				3-wire (PNP)		12 V		M9PV	M9P	•	•	•	0	0	circuit			
				2-wire		12 V		M9BV	M9B	•	•	•	0	0	_			
				3-wire (NPN)		24 V	5 V,		M9NWV	M9NW	•	•	•	0	0	IC	] <sub>D-1</sub>	
				3-wire (PNP)			24 V	12 V	-	M9PWV	M9PW	•	•	•	0	0		Relay, PLC
				2-wire			12V		M9BWV	M9BW	•	•	•	0	0	_	FLC	
	Water resistant (2-color indicator)			3-wire (NPN)		5 V,		M9NAV**	M9NA**	0	0	•	0	0	IC			
				3-wire (PNP)		12 V		M9PAV**	M9PA**	0	0	•	0	0	circuit			
				2-wire		12 V	$\overline{\cap}$	M9BAV**	M9BA**	0	0	•	0	0	_			

- \*\* Water resistant type auto switches can be mounted on the above models, but in such case SMC cannot guarantee water resistance. \* Auto switches marked with a "O" symbol are produced upon receipt of order.
- \* Lead wire length symbols: 0.5 m ..... Nil (Example) M9N
  - 1 m ..... M (Example) M9NWM
  - 3 m ..... L (Example) M9NL
  - 5 m ..... Z (Example) M9NZ
- Note) 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.

### Bore size



## Applicable Auto Switches/Refer to pages 797 to 850 for further information on auto switches.

Туре	Special	Electrical	Indicator	Wiring	Load voltage			Auto switch model		Lead wire	elenç	jth (m	Pre-wired	Applicable			
	function	entry	light	(Output)	DC		AC	Perpendicular In-line		0.5 (Nil)	1 (M)	3 (L) 5	<ul><li>(Z) connector</li></ul>	load			
Solid state auto switch	Diagnosis (2-color Gi indicator)	Grommet	Yes	3-wire (NPN)	24 V	5 V,		M9NV	M9N	•	•	• (	0	IC circuit			
				3-wire (PNP)		12 V		M9PV	M9P	•	•	• (	) 0				
				2-wire		12 V		M9BV	M9B	•	•	•	) 0	_			
				3-wire (NPN)		24 V		5 V,		M9NWV	M9NW	•	•	•	0	IC	Relay,
				3-wire (PNP)				12 V	_	M9PWV	M9PW	•	•	•	) 0		
				2-wire			12 V		M9BWV	M9BW	•	•	•	0		FLC	
	Water resistant (2-color indicator)			3-wire (NPN)		5 V, 12 V		M9NAV**	M9NA**	0	0	•	0	IC	1		
				3-wire (PNP)				M9PAV**	M9PA**	0	0	•	) 0	circuit			
				2-wire		12 V		M9BAV**	M9BA**	0	0	• (	) 0	_	1		

<sup>\*\*</sup> Water resistant type auto switches can be mounted on the above models, but in such case SMC cannot guarantee water resistance

1 m ······ M (Example) M9NWM

Note 2) When ordering the air gripper with auto switch, auto switch mounting brackets are supplied with the air gripper having a bore size of 632 to 663.

Note 3) When ordering the auto switch separately, auto switch mounting brackets (BMG2-012) are required.



<sup>\*</sup> Lead wire length symbols: 0.5 m ..... Nil (Example) M9NW \* Auto switches marked with a "O" symbol are produced upon receipt of order.

<sup>3</sup> m ..... L (Example) M9NWL 5 m ..... Z (Example) M9NWZ

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.