Parallel Type Air Gripper/3-Finger Type MHS3 Series

Ø16, Ø20, Ø25, Ø32, Ø40, Ø50, Ø63, Ø80, Ø100, Ø125

How to Order

Bore size MHS3-20D-M9BW ø16 to ø25 Number of fingers Number of auto switches 3 3 fingers Nil 2 pcs. Auto switch Bore size 1 pc. Nil Without auto switch (Built-in magnet) 16 16 mm Made to Order Action *For the applicable auto switch model, 20 20 mm Refer to page 585 for details. refer to the table below. 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				D	С	AC	Perpendicular	In-line	0.5 (Nil) 1 (M) 3 (L) 5 (Z) C		connector		ad				
Solid state auto switch	— Diagnosis (2-color	Grommet	Yes	3-wire (NPN)	24 V	5 V,		M9NV	M9N	•	•	•	0	0	IC			
				3-wire (PNP)		12 V		M9PV	M9P	•	•	•	0	0	circuit			
				2-wire		24 V	12 V		M9BV	M9B	•	•	•	0	0			
				3-wire (NPN)			24 V	5 V,		M9NWV	M9NW	•	•	•	0	0	IC	Dele
				3-wire (PNP)				12 V		M9PWV	M9PW	•	•	•	0	0	circuit	Relay, PLC
	indicator)			2-wire				12 V		M9BWV	M9BW	•	•	•	0	0	_	FLC
	Water resistant (2-color indicator)			3-wire (NPN)		5 V, 12 V		M9NAV**	M9NA**	0	0	•	0	0	IC			
				3-wire (PNP)				M9PAV**	M9PA**	0	0	•	0	0	circuit —	-		
				2-wire		12 V	1	M9BAV**	M9BA**	0	0	•	0	0				

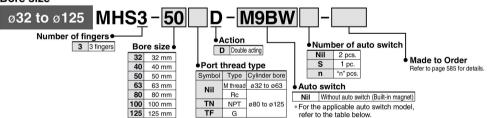
^{**} Water resistant type auto switches can be mounted on the above models, but in such case SMC cannot guarantee water resistance

* Lead wire length symbols: 0.5 m Nil (Example) M9N 1 m M (Example) M9NWM * Auto switches marked with a "O" symbol are produced upon receipt of order.

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



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

Туре	Special function	Electrical entry	Indicator light	Wiring	Load voltage			Auto swit	Lead wire length (m)*				Pre-wired	Applicable				
				(Output)	DC		AC	Perpendicular In-line		0.5 (Nil) 1 (M) 3 (L) 5		5 (Z)						
Solid state auto switch	_	Grommet	Yes	3-wire (NPN)	24 V	5 V,		M9NV	M9N	•	•	•	0	0	IC circuit			
				3-wire (PNP)		12 V 12 V		M9PV	M9P	•	•	•	0	0				
				2-wire				M9BV	M9B	•	•	•	0	0]		
	Diagnosis			3-wire (NPN)		24 V		5 V,		M9NWV	M9NW	•	•	•	0	0	IC	Dalan
	(2-color indicator)			3-wire (PNP)				12 V	_	M9PWV	M9PW	•	•	•	0	0	circuit	Relay,
				2-wire		12 V 5 V,	M9BWV	M9BWV	M9BW	•	•	•	0	0	_	1 1 20		
	Water resistant (2-color indicator)			3-wire (NPN)				M9NAV**	M9NA**	0	0	•	0	0	IC	1		
				3-wire (PNP)		12 V		M9PAV**	M9PA**	0	0	•	0	0	circuit			
				2-wire		12 V		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

1 m ······ M (Example) M9NWM 3 m L (Example) M9NWL 5 m Z (Example) M9NWZ

^{*} Lead wire length symbols: 0.5 m Nil (Example) M9NW * Auto switches marked with a "O" symbol 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 ordering the air gripper with auto switch, auto switch mounting brackets are supplied with the air gripper having a bore size of ø32 to ø125.

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