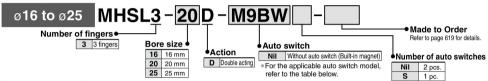
## Parallel Type Air Gripper/3-Finger Type **Long Stroke**

# MHSL3 Series

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

#### How to Order





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

T	Special	Electrical entry	Indicator light	Wiring	Load voltage			Auto swit	Lead wire length (m)*				Pre-wired	Applicable				
Type	function			(Output)	D	С	AC	Perpendicular	In-line	0.5 (Nil) 1 (M) 3		3 (L)	5 (Z)	connector	lo	ad		
5	_			3-wire (NPN)	24 V	5 V,		M9NV	M9N	•	•	•	0	0	IC			
state auto switch				3-wire (PNP)		12 V		M9PV	M9P	•	•	•	0	0	circuit			
				2-wire		12V		M9BV	M9B	•	•	•	0	0	-			
	Diagnosis	Grommet	Yes	3-wire (NPN)		24 V	24 V	5 V,		M9NWV	M9NW	•	•	•	0	0	IC	Dala
	(2-color indicator)	Grommet	ies	3-wire (PNP)				12 V	_	M9PWV M9PW	M9PW	•	•	•	0	0	circuit	Relay, PLC
				2-wire				12 V	M9BWV	M9BWV	M9BW	•	•	•	0	0	_	FLC
Solid st	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		M9BAV**	M9BA**	0	0	•	0	0	_			

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

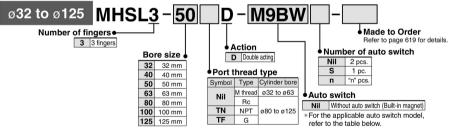
\* Lead wire length symbols: 0.5 m ..... Nil (Example) M9NW

3 m ..... L (Example) M9NWL 5 m ..... Z (Example) M9NWZ

\* Auto switches marked with a "O" symbol 1 m ..... M (Example) M9NWM are produced upon receipt of order.

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

T	Special	Electrical entry	Indicator light	Wiring	Load voltage			Auto swit	Lead wire length (m)*				Pre-wired	Applicable			
Type	function			(Output)	DC		AC	Perpendicular In-line		0.5 (Nil) 1 (M) 3 (L) 5 (A		5 (Z)	connector	load			
두	_	·	Yes	3-wire (NPN)	24 V	5 V,		M9NV	M9N	•	•	•	0	0	IC circuit		
state auto switch				3-wire (PNP)		12 V 12 V		M9PV	M9P	•	•	•	0	0			
				2-wire				M9BV	M9B	•	•	•	0	0		]	
	Diagnosis	Grommet		3-wire (NPN)		24 V	5 V,		M9NWV	M9NW	•	•	•	0	0	IC	Dolou
	(2-color	Grommer		3-wire (PNP)			12 V	2 V —	M9PWV	M9PW	•	•	•	0	0	circuit	Relay,
	indicator)			2-wire		12 V		M9BWV	M9BW	•	•	•	0	0	_	FLC	
Solid st	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		M9BAV**	M9BA**	0	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

3 m ..... L (Example) M9NWL 5 m ..... Z (Example) M9NWZ

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 1 m ······ M (Example) M9NWM

<sup>\*</sup> 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.