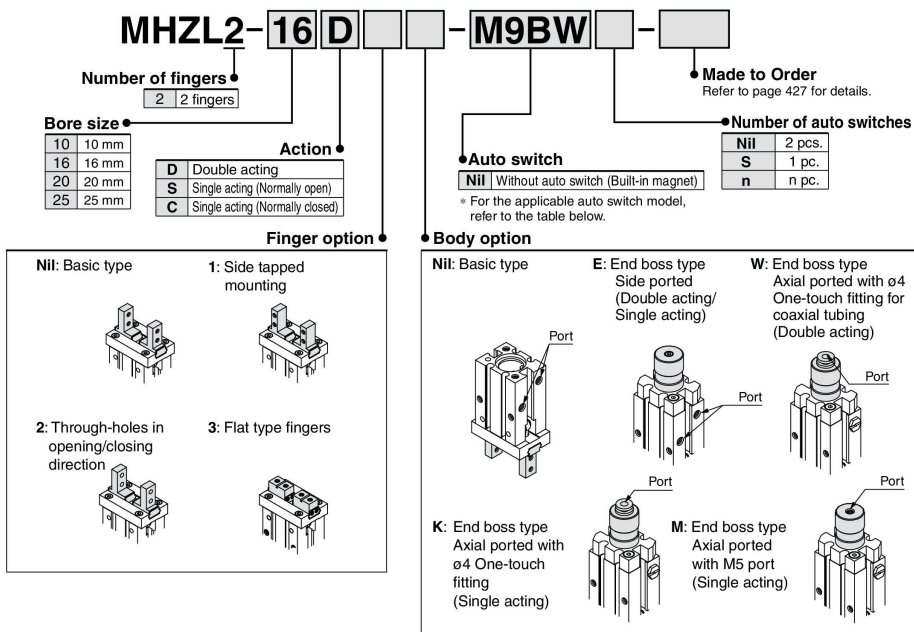


Parallel Type Air Gripper/Long Stroke Type

MHZL2 Series

ø10, ø16, ø20, ø25

How to Order



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)	ø10	ø16	ø20	ø25				
							Perpendicular	In-line												
Solid state auto switch	—	Grommet	Yes	3-wire (NPN)	5V, 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)	5V, 12 V	24 V	—	M9NWV	M9NW	●	●	●	○	●	●	●	○	IC circuit	Relay PLC
									M9PWV	M9PW	●	●	●	○	●	●	●	○		
					M9B WV	M9B W	●	●	●	○	●	●	●	○	—					
					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) M9NW
3 m..... L (Example) M9NW
5 m..... Z (Example) M9NW

* 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) Through-hole mounting is not possible when using the auto switch at the square groove on the side.

Note 3) When the product is ordered with auto switch, only MHZL2-10 is shipped with the auto switch mounting brackets. When the auto switch is used at the square groove on the side with MHZL2-16 to 25, mounting brackets (BMG2-012) are required. Order them separately. Refer to page 457 for the auto switch mounting brackets.