

Rotary Actuated Air Gripper/2-Finger Type

MHR2/MDHR2 Series

Size: 10, 15, 20, 30

How to Order

Without auto switch

MHR 2 - 10 R - []

With auto switch
(Built-in magnet)

MDHR 2 - 10 R - M9N S - []

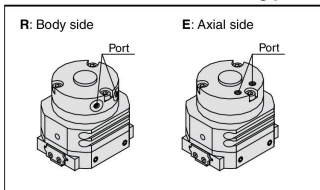
With magnet
(For auto switch)

Number of fingers
2 2 fingers

Nominal size

10
15
20
30

Connecting port



Made to Order
Refer to page 518 for details.

Number of auto switches

NII	2 pcs.
S	1 pc.

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

Type	Special function	Electrical entry	Indicator light	Wiring (Output)	Load voltage		Auto switch model		Lead wire length (m) ¹⁾					Pre-wired connector	Applicable load	
					DC	AC	Electrical entry direction		0.5 (NII)	1 (M)	3 (L)	5 (Z)				
							Perpendicular	In-line								
Solid state auto switch	-	Grommet	Yes	3-wire (NPN)	24V	-	M9NV	M9N	●	●	●	○	○	IC circuit		
				3-wire (PNP)					●	●	●	○	○			
				2-wire					●	●	●	○	○		—	
				3-wire (NPN)					●	●	●	○	○		IC circuit	
				3-wire (PNP)					●	●	●	○	○		—	
				2-wire					●	●	●	○	○		—	
	Diagnosis (2-color indication)	Grommet	Yes	-	3-wire (NPN)	24V	-	M9NWV	M9NW	●	●	●	○	○	IC circuit	
					3-wire (PNP)					●	●	●	○	○		
					2-wire					●	●	●	○	○		—
					3-wire (NPN)					●	●	●	○	○		IC circuit
					3-wire (PNP)					●	●	●	○	○		—
					2-wire					●	●	●	○	○		—
Water resistant (2-color indicator)	Grommet	Yes	-	3-wire (NPN)	24V	-	M9NAV**	M9NA**	○	○	●	○	○	IC circuit		
				3-wire (PNP)					○	○	●	○	○			
				2-wire					○	○	●	○	○		—	
				3-wire (NPN)					○	○	●	○	○		IC circuit	
				3-wire (PNP)					○	○	●	○	○		—	
				2-wire					○	○	●	○	○		—	

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

¹⁾ Lead wire length symbols: 0.5 m NII (Example) M9N
1 m M (Example) M9NV
3 m L (Example) M9NL
5 m Z (Example) M9NZ

* Solid state auto switches marked with a "○" symbol 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.