

Parallel Type Air Gripper/2-Finger Type

MHS2 Series

ø16, ø20, ø25, ø32, ø40, ø50, ø63

How to Order

Bore size

ø16 to ø25 **MHS2 - 20D - M9BW** **2** **2 fingers** **2** **2 pcs.** **S** **1 pc.** **Made to Order**

Number of fingers: 2 (2 fingers)

Bore size: 16 16 mm, 20 20 mm, 25 25 mm

Auto switch: Nil (Without auto switch (Built-in magnet))

Action: D Double acting

Number of auto switches: Nil 2 pcs., S 1 pc.

Made to Order: Refer to page 577 for details.

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)* 0.5 (Nil) 1 (M) 3 (L) 5 (Z) | Pre-wired connector | Applicable load | | | |
|-------------------------|-------------------------------------|------------------|-----------------|-----------------|--------------|----|-------------------|---------|--|---------------------|-----------------|---|------------|------------|
| | | | | | DC | AC | Perpendicular | In-line | | | | | | |
| Solid state auto switch | — | Grommet | Yes | 3-wire (NPN) | 5 V, | — | M9NV | M9N | ● | ● | ● | ○ | Relay, PLC | |
| | | | | 3-wire (PNP) | 12 V | | M9PV | M9P | ● | ● | ● | ○ | | |
| | | | | 2-wire | 12 V | | M9BV | M9B | ● | ● | ● | ○ | | |
| | Diagnosis (2-color indicator) | | | 3-wire (NPN) | 5 V, | | M9NVW | M9NW | ● | ● | ● | ○ | | IC circuit |
| | | | | 3-wire (PNP) | 12 V | | M9PVW | M9PW | ● | ● | ● | ○ | | |
| | | | | 2-wire | 12 V | | M9BVW | M9BW | ● | ● | ● | ○ | | |
| | Water resistant (2-color indicator) | | | 3-wire (NPN) | 5 V, | | M9NAV** | M9NA** | ○ | ○ | ● | ○ | | IC circuit |
| | | | | 3-wire (PNP) | 12 V | | M9PAV** | M9PA** | ○ | ○ | ● | ○ | | |
| | | | | 2-wire | 12 V | | 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) M9N

1 m M (Example) M9NW

3 m L (Example) M9NL

5 m Z (Example) M9NZ

* Auto switches marked with a "O" 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.

Bore size

ø32 to ø63 **MHS2 - 50D - M9BW** **2** **2 fingers** **2** **2 pcs.** **S** **1 pc.** **Made to Order**

Number of fingers: 2 (2 fingers)

Bore size: 32 32 mm, 40 40 mm, 50 50 mm, 63 63 mm

Auto switch: Nil (Without auto switch (Built-in magnet))

Action: D Double acting

Number of auto switches: Nil 2 pcs., S 1 pc.

Made to Order: Refer to page 577 for details.

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)* | Pre-wired connector | Applicable load | | | |
|-------------------------|-------------------------------|------------------|-----------------|-----------------|--------------|----|-------------------|---------|-----------------------------|---------------------|-----------------|------------|------------|------------|
| | | | | | DC | AC | Perpendicular | In-line | 0.5 (Nil) 1 (M) 3 (L) 5 (Z) | | | | | |
| Solid state auto switch | — | Grommet | Yes | 3-wire (NPN) | 5 V, | — | M9NV | M9N | ● | ● | ○ | IC circuit | | |
| | | | | 3-wire (PNP) | 12 V | | M9PV | M9P | ● | ● | ○ | | | |
| | | | | 2-wire | 12 V | | M9BV | M9B | ● | ● | ○ | | | |
| | | | | 3-wire (NPN) | 5 V, | | M9NVW | M9NW | ● | ● | ○ | | | |
| | | | | 3-wire (PNP) | 12 V | | M9PVW | M9PW | ● | ● | ○ | | | |
| | | | | 2-wire | 12 V | | M9BVW | M9BW | ● | ● | ○ | | | |
| | Diagnosis (2-color indicator) | | | 3-wire (NPN) | 5 V, | | M9NAV** | M9NA** | ○ | ○ | ● | ● | ○ | Relay, PLC |
| | | | | 3-wire (PNP) | 12 V | | M9PAV** | M9PA** | ○ | ○ | ● | ● | ○ | |
| | | | | 2-wire | 12 V | | M9BAV** | M9BA** | ○ | ○ | ● | ● | ○ | |
| | | | | 3-wire (NPN) | 5 V, | | M9NVW | M9NW | ● | ● | ○ | ○ | IC circuit | |
| | | | | 3-wire (PNP) | 12 V | | M9PVW | M9PW | ● | ● | ○ | ○ | | |
| | | | | 2-wire | 12 V | | M9BVW | M9BW | ● | ● | ○ | ○ | | |

** 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) M9NW

3 m L (Example) M9NL

5 m Z (Example) M9NZ

* 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 ø63.

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