

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

Number of fingers
2 2 fingers

Bore size
16 16 mm
20 20 mm
25 25 mm

Action
D Double acting

Auto switch

Nil Without auto switch (Built-in magnet)

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

Made to Order

Refer to page 577 for details.

* For the applicable auto switch model, refer to the table below.

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 | | | |
|-------------------------|-------------------------------------|------------------|-----------------|-----------------|--------------|-------------------|-----------------------|---------------------|-----------------|---|--|--|
| Solid state auto switch | Diagnosis (2-color indicator) | Grommet | Yes | 3-wire (NPN) | DC 5 V, 12 V | M9NV | ● | ● | ○ | ○ | | |
| | | | | 3-wire (PNP) | AC 12 V | M9PV | ● | ● | ○ | ○ | | |
| | | | | 2-wire | 24 V | M9BV | ● | ● | ○ | — | | |
| | Water resistant (2-color indicator) | | | 3-wire (NPN) | 5 V, 12 V | M9NWV | ● | ● | ○ | ○ | | |
| | | | | 3-wire (PNP) | 12 V | M9PWV | ● | ● | ○ | ○ | | |
| | | | | 2-wire | 12V | M9BWV | ● | ● | ○ | — | | |
| | | | | 3-wire (NPN) | 5 V, 12 V | M9NAV** | ○ | ○ | ○ | ○ | | |
| | | | | 3-wire (PNP) | 12 V | M9PAV** | ○ | ○ | ○ | ○ | | |
| | | | | 2-wire | 12 V | M9BAV** | ○ | ○ | ○ | — | | |

** 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) M9NM
3 m L (Example) M9NL
5 m Z (Example) M9NZ

* 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.

Bore size

ø32 to ø63

MHS2-50D-M9BW

Number of fingers
2 2 fingers

Bore size
32 32 mm
40 40 mm
50 50 mm
63 63 mm

Action
D Double acting

Made to Order

Refer to page 577 for details.

Number of auto switches

Nil 2 pcs.
S 1 pc.

Auto switch

Nil Without auto switch (Built-in magnet)

* For the applicable auto switch model, refer to the table below.

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 | | | |
|-------------------------|-------------------------------------|------------------|-----------------|-----------------|--------------|-------------------|-----------------------|---------------------|-----------------|---|--|--|
| Solid state auto switch | Diagnosis (2-color indicator) | Grommet | Yes | 3-wire (NPN) | DC 5 V, 12 V | M9NV | ● | ● | ○ | ○ | | |
| | | | | 3-wire (PNP) | AC 12 V | M9PV | ● | ● | ○ | — | | |
| | | | | 2-wire | 24 V | M9BV | ● | ● | ○ | — | | |
| | Water resistant (2-color indicator) | | | 3-wire (NPN) | 5 V, 12 V | M9NWV | ● | ● | ○ | ○ | | |
| | | | | 3-wire (PNP) | 12 V | M9PWV | ● | ● | ○ | ○ | | |
| | | | | 2-wire | 12V | M9BWV | ● | ● | ○ | — | | |
| | | | | 3-wire (NPN) | 5 V, 12 V | M9NAV** | ○ | ○ | ○ | ○ | | |
| | | | | 3-wire (PNP) | 12 V | M9PAV** | ○ | ○ | ○ | ○ | | |
| | | | | 2-wire | 12 V | M9BAV** | ○ | ○ | ○ | — | | |

** 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) M9NWM
3 m L (Example) M9NL
5 m Z (Example) M9NZ

* Auto switches marked with a "○" 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.