

Rotary Actuated Air Gripper/3-Finger Type

MHR3/MDHR3 Series

Size: 10, 15

How to Order

Without auto switch

MHR 3 - 10 R - []

With auto switch
(Built-in magnet)

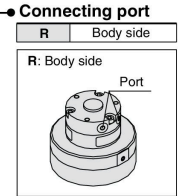
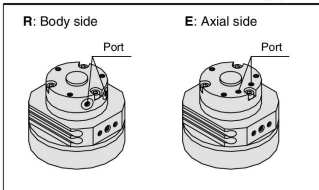
MDHR 3 - 10 R - M9N S - []

With magnet
(For auto switch)

Number of fingers
3 3 fingers

Nominal size
10
15

Connecting port



Made to Order
Refer to page 531 for details.

Number of auto switches

| | |
|-----|--------|
| NIL | 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) ^{*)} | | | | Pre-wired connector | Applicable load | | | | |
|-------------------------|--------------------------------|------------------|-----------------|-----------------|--------------|----|----------------------------|---------|------------------------------------|---------|--------|-------|---------------------|-----------------|------------|---|---|---|
| | | | | | DC | AC | Electrical entry direction | | 0.5 (Nil) | 1 (M) | 3 (L) | 5 (Z) | | | | | | |
| | | | | | | | Perpendicular | In-line | | | | | | | | | | |
| Solid state auto switch | — | Grommet | Yes | 3-wire (NPN) | 5V, 12V | — | M9NV | M9N | ● | ● | ● | ○ | ○ | IC circuit | | | | |
| | | | | 3-wire (PNP) | | | M9BV | M9B | ● | ● | ● | ○ | ○ | | | | | |
| | | | | 2-wire | 12V | — | M9NVW | M9NW | ● | ● | ● | ○ | ○ | | IC circuit | | | |
| | | | | 3-wire (NPN) | | | M9PWV | M9PW | ● | ● | ● | ○ | ○ | | | | | |
| | Diagnosis (2-color indication) | | | — | — | — | 2-wire | 5V, 12V | — | M9BWV | M9BW | ● | ● | | ● | ○ | ○ | — |
| | | | | | | | 3-wire (PNP) | | | M9NAV** | M9NA** | ○ | ○ | | ● | ○ | ○ | |
| | | | | | | | 3-wire (NPN) | M9PAV** | M9PA** | ○ | ○ | ● | ○ | | ○ | | | |
| | | | | | | | 2-wire | 5V, 12V | — | M9BAV** | M9BA** | ○ | ○ | | ● | ○ | ○ | |
| | | | | | | | 3-wire (PNP) | | | M9BAV** | M9BA** | ○ | ○ | | ● | ○ | ○ | |
| | | | | | | | 2-wire | 12V | — | 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) M9NM
 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.