

# 180° Angular Type Air Gripper Cam Type

# MHY2 Series

ø10, ø16, ø20, ø25

## How to Order

**MHY 2 - 16 D 2 - M9BW** [ ] - [ ]

**Number of fingers**

2	2 fingers
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**Bore size**

10	10 mm
16	16 mm
20	20 mm
25	25 mm

**Action**

D	Double acting
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**Auto switch**

Nil	Without auto switch (Built-in magnet)
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\* For the applicable auto switch model, refer to the table below.

**Number of auto switches**

Nil	2 pcs.
S	1 pc.
n	n pc.

**Made to Order**  
Refer to page 705 for details.

**Finger option**

Nil: Standard tapped 2: Through-holes in opening/closing direction

## 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)	5 V, 12 V	—	M9NV	M9N	●	●	●	○	○	Relay, PLC
				3-wire(PNP)			M9PV	M9P	●	●	●	○	○	
				2-wire	M9BV		M9B	●	●	●	○	○		
	3-wire(NPN)			5 V, 12 V	M9NWV		M9NW	●	●	●	○	○		
	3-wire(PNP)			5 V, 12 V	M9PWV		M9PW	●	●	●	○	○		
	2-wire			12 V	M9BWV		M9BW	●	●	●	○	○		
Water resistant (2-color indicator)	—	Grommet	Yes	3-wire(NPN)	5 V, 12 V	—	M9NAV**	M9NA**	○	○	●	○	○	Relay, PLC
				3-wire(PNP)			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) M9NW  
1 m ..... M (Example) M9NWM  
3 m ..... L (Example) M9NWL  
5 m ..... Z (Example) M9NWZ

\* 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.