

Parallel Style Air Gripper: Wide Type

Series MHL2

ø10, ø16, ø20, ø25, ø32, ø40

How to Order

MHL 2-16 D -M9BW

Wide opening

Number of fingers

2	2 fingers
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Bore size

10	10mm
16	16mm
20	20mm
25	25mm
32	32mm
40	40mm

Thread type

Symbol	Type	Cylinder bore
Nil	M thread	ø10 to 25
	Rc	ø32 to ø40
TN	NPT	
TF	G	

Action

D	Double acting
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Number of auto switches

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

Auto switch

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

Opening/Closing stroke (mm)

Symbol	ø10	ø16	ø20	ø25	ø32	ø40
Nil	20	30	40	50	70	100
1	40	60	80	100	120	160
2	60	80	100	120	160	200

Made to Order
Refer to page 475 for details.

Applicable Auto Switch/Refer to pages 761 to 809 for further information on the 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	
							Electrical entry direction		0.5 (Nil)	1 (M)	3 (L)	5 (Z)			
					DC	AC	Perpendicular	In-line							
Solid state switch	—	Grommet	Yes	3-wire (NPN)	5V,12V	—	M9NV	M9N	●	●	●	○	○	IC circuit	Relay, PLC
				3-wire (PNP)			M9PV	M9P	●	●	●	○	○		
	2-wire			12V	M9BV		M9B	●	●	●	○	○	—		
	3-wire (NPN)			5V,12V	M9NWV		M9NW	●	●	●	○	○	IC circuit		
	3-wire (PNP)				M9PWV		M9PW	●	●	●	○	○			
	2-wire			12V	M9BWV		M9BW	●	●	●	○	○	—		
	3-wire (NPN)			5V,12V	M9NAV		M9NA	○	○	●	○	○	IC circuit		
	3-wire (PNP)				M9PAV		M9PA	○	○	●	○	○			
	2-wire			12V	M9BAV		M9BA	○	○	●	○	○	—		

* 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

* Solid state auto switches marked with "○" are produced upon receipt of order.

• Take note of hysteresis with 2-color indication type switches. Refer to "Auto Switch Hysteresis" on page 487.