

Parallel Type Air Gripper 3-Finger Type with Dust Cover

MHSJ3 Series

ø16, ø20, ø25, ø32, ø40, ø50, ø63, ø80

How to Order

MHSJ 3 - 32 [] D [] - M9BW [] - []

With dust cover •

Number of fingers •

3	3 fingers
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Bore size •

16	16 mm
20	20 mm
25	25 mm
32	32 mm
40	40 mm
50	50 mm
63	63 mm
80	80 mm

Port thread type •

Symbol	Type	Cylinder bore
Nil	M thread	ø16 to ø63
	Rc	
TN	NPT	ø80
TF	G	

Made to Order
Refer to page 595 for details.

Number of auto switches

Nil	2 pcs.
S	1 pc.

Auto switch

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

Dust cover type

Nil	Chloroprene rubber (CR)
F	Fluororubber (FKM)
S	Silicone rubber

Action

D	Double acting
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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)	24 V	—	M9NV	M9N	●	●	●	○	○	IC circuit	Relay, PLC
	3-wire (PNP)			M9PV			M9P	●	●	●	○	○			
	2-wire			M9BV			M9B	●	●	○	○				
	3-wire (NPN)			M9NVV			M9NV	●	●	○	○				
	Diagnosis (2-color indicator)			3-wire (PNP)			M9PWV	M9PW	●	●	○	○	IC circuit		
	Water resistant (2-color indicator)			2-wire			M9BWW	M9BW	●	●	○	○			
				3-wire (NPN)			M9NAV**	M9NA**	○	○	○	○			
				3-wire (PNP)			M9PAV**	M9PA**	○	○	○	○			
				2-wire			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) M9NMW
 3 m L (Example) M9NWL
 5 m Z (Example) M9NVZ

* 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.