

Magnet Gripper MHM-X6400

How to Order

MHM-32D 1 - P3DWAL - X6400

Holding force

Symbol	Holding force
1	80 N
2	50 N
3	30 N

Number of auto switches

Nil	2
S	1

Auto switch

Nil	Without auto switch
P3DWA□	D-P3DWA□
M9□V	D-M9□V□

*: For applicable auto switches, refer to the table below.



Applicable Auto Switches: Refer to Best Pneumatics No. 3 for further information on auto switches.

Magnetic Field Resistant Auto Switches

Type	Auto switch model	Applicable magnetic field	Electrical entry	Indicator light	Wiring (Pin no. in use)	Load voltage	Lead wire length	Applicable load
Solid state auto switch	P3DWASC	AC magnetic field (Single-phase AC welding magnetic field)	Pre-wired connector	2-color	2-wire (3-4)	24 VDC	0.3 m	Relay, PLC
	P3DWASE		2-wire (1-4)		0.5 m			
	P3DWA		Grommet		2-wire		3 m	
	P3DWAL						5 m	
	P3DWAZ							

Small 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	0.5 (Nil)	1 (M)		3 (L)	5 (Z)	
Solid state auto switch	—	Grommet	Yes	3-wire (NPN)	24 V	5 V, 12 V	—	M9NV	●	●	●	○	○	IC circuit	Relay, PLC
				3-wire (PNP)		5 V, 12 V		M9PV	●	●	●	○	○		
	2-wire			12 V				M9BV	●	●	●	○	○		
	3-wire (NPN)			5 V, 12 V				M9NWV	●	●	●	○	○	IC circuit	
	3-wire (PNP)							M9PWV	●	●	●	○	○		
	2-wire			12 V		M9BWV		●	●	●	○	○	—		
	3-wire (NPN)			5 V, 12 V	M9NAV	○		○	●	○	○	IC circuit			
	3-wire (PNP)				M9PAV	○		○	●	○	○				
	2-wire				12 V	M9BAV		○	○	●	○		○	—	

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

*: For details about auto switches with pre-wired connectors, refer to Best Pneumatics No. 3.

*: Auto switches are shipped together, but not assembled.

*: Lead wire length symbols: 0.5 m Nil (Example) M9NWV
1 m M (Example) M9NWVM
3 m L (Example) M9NWVL
5 m Z (Example) M9NWVZ

Specifications

Action	Double acting
Fluid	Air
Operating pressure	0.25 to 0.6 MPa
Ambient and fluid temperature	-10 to 60°C (No freezing)
Holding force	MHM-32D1-X6400 80 N
(Workpiece thickness: 0.6 mm)	MHM-32D2-X6400 50 N
	MHM-32D3-X6400 30 N
Residual holding force	0.3 N or less
Lubrication	Non-lube
Weight	475 g

Bumper Order No.

Symbol	Holding force	Model
1	80 N	MHM-A3201-1-X6400
2	50 N	MHM-A3201-2-X6400
3	30 N	MHM-A3201-3-X6400

