

Escapements

MIW/MIS Series

ø8, ø12, ø20, ø25, ø32



How to Order

Double finger type MIW 12 [] - 12 D 1 A S - M9BW [] - []

Single finger type MIS 32 [] - 50 D 1 A S - M9BW [] - []

Cylinder bore

8	8 mm
12	12 mm
20	20 mm
25	25 mm
32	32 mm

Port thread type

Symbol	Type	Bore size
Nil	M thread	ø8, ø12 ø20, ø25
	Rc	
TN	NPT	ø32
TF	G	

Stroke

* Refer to the next page for standard stroke table.

Finger options

Nil: Basic type (Standard type)

1: Tapped on upper and lower faces

2: Tapped on all faces (5 surfaces including end surface)

Scraper

Nil	No
S	Yes

Stroke adjuster

Nil	No
A	Yes

Made to Order
For details, refer to page 625.

Number of auto switches

Nil	2 pcs.
S	1 pc.

Type of auto switch

Nil	Without auto switch (built-in magnet)
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* Refer to the table below for auto switch part numbers.

Finger options

Nil: Basic type (Standard type)

1: Tapped on upper and lower faces

2: Tapped on all faces (5 surfaces including end surface)

Applicable auto switches/Refer to pages 941 to 1067 for detailed specifications of auto switches.

Type	Special function	Electrical entry	Indicator light	Wiring (output)	Load voltage		Auto switch models		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)	5 V, 12 V	—	M9NV	M9N	●	●	○	○	IC circuit	
				3-wire (PNP)			M9PV	M9P	●	●	○	○		
				2-wire	M9BV		M9B	●	●	○	○	—		
	3-wire (NPN)			M9NVV	M9NV		●	●	○	○	IC circuit			
	3-wire (PNP)			M9PVV	M9PV		●	●	○	○	IC circuit			
	2-wire			M9BVV	M9BV		●	●	○	○	—			
	Water resistant (2-color indicator)	Grommet	Yes	3-wire (NPN)	5 V, 12 V	M9NAV**	M9NA**	○	○	●	○	○	○	IC circuit
				3-wire (PNP)		M9PAV**	M9PA**	○	○	●	○	○		
				2-wire	M9BAV**	M9BA**	○	○	●	○	○	○		
				2-wire			○	○	●	○	○	○		

** 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

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

* Refer to pages 1014 and 1015 for the details of auto switches with a pre-wired connector.

* Auto switches are shipped together (not assembled).