

Heavy Duty Stopper Cylinder

RSH Series

∅20, ∅32

How to Order

RSH **32** - **20** **D** **L** - **M9BW**

Bore size

20	20 mm
32	32 mm

Port thread type

NII	M*
	Rc
TN	NPT
TF	G

* The tube I.D. of 20 is only available to port size M screws.

Cylinder stroke

15	15mm (RSH20)
20	20mm (RSH32)

Action

D	Double acting type
B	Double acting spring type
T	Single acting/Spring extended

Roller material

L	Resin
M	Carbon steel

Number of auto switches (Auto switch number mounted)

NII	2 pcs.
S	1 pc.

Auto switch

NII	Without auto switch (Built-in magnet)
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* Refer to the table below for auto switch model numbers.

Option (Note 1)

NII	Without option
D	With lock mechanism
C	With cancel cap
S (Note 2)	With lever detection switch

Note 1) Options can be combined. Indicate the symbols, according to the priority order of D.C.S.

Note 2) Lever detection switch type

Type	E2E-S05S12-WC-C1 2M
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* Manufactured by OMRON Corporation.

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

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 (NII)	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	12 V	M9BV	M9B	●	●	○	○	—		
				3-wire (NPN)	5 V, 12 V	M9NWV	M9NW	●	●	○	○	IC circuit		
	Diagnostic indication (2-color display)	Grommet	Yes	3-wire (PNP)	24 V	—	M9PWV	M9PW	●	●	○	○	IC circuit	
				2-wire			12 V	M9BWW	M9BW	●	●	○		○
				3-wire (NPN)	5 V, 12 V	M9NAV**	M9NA**	○	○	●	○	IC circuit		
				3-wire (PNP)	5 V, 12 V	M9PAV**	M9PA**	○	○	●	○	IC circuit		
Water resistance (2-color display)	Grommet	No	2-wire	12 V	—	M9BAV**	M9BA**	○	○	●	○	—		
			3-wire (NPN equiv)	—	5 V	—	Z76	●	—	●	—	—	IC circuit	
Reset auto switch	—	Grommet	Yes	2-wire	24 V	12 V	—	Z73	●	—	●	—	—	Relay, PLC
				100 V or less	—	Z80	●	—	●	—	—	—	IC circuit	

** Water resistant type auto switches can be mounted on the above models, but in such case SMC cannot guarantee water resistance. Consult with SMC regarding water resistant types with the above model numbers.

* Lead wire length symbols: 0.5 m NII (Example) M9NW
 1 m M (Example) M9NWW
 3 m L (Example) M9NWL
 5 m Z (Example) M9NWX

* Solid state auto switches marked with a "○" symbol are produced upon receipt of order.
 * D-A9□/A9□ types cannot be mounted.

* Refer to page 614 since there are applicable auto switches other than listed.
 * Refer to pages 1014 and 1015 for the details of auto switches with a pre-wired connector.
 * Auto switches are shipped together (not assembled).