

Air Cylinder: Standard Type Double Acting, Single Rod Series *CM2* ø20, ø25, ø32, ø40

How to Order

Mounting style

B	Basic style
L	Axial foot style
F	Rod side flange style
G	Head side flange style
C	Single clevis style
D	Double clevis style
U	Rod side trunnion style
T	Head side trunnion style
E	Clevis integrated style
BZ	Boss-cut basic style
FZ	Boss-cut rod side flange style
UZ	Boss-cut rod side trunnion style

Bore size

20	20 mm
25	25 mm
32	32 mm
40	40 mm

Cylinder stroke (mm)
(Refer to "Standard Stroke" on page 129.)

Cushion

Nil	Rubber bumper
A	Air cushion

* Air-hydro cylinder: Rubber bumper only

Made to Order
(Refer to page 129 for details.)

With auto switch (Built-in magnet)

Type

Nil	Pneumatic
H	Air-hydro

Port thread type

Nil	Rc
TN	NPT
TF	G
F	Built-in one-touch fitting

* Air-hydro type: Rc only

Rod boot

Nil	None
J	Nylon tarpaulin
K	Heat resistant tarpaulin

Number of auto switches

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

Auto switch

Nil	Without auto switch
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* For the applicable auto switch model, refer to the table below.

Built-in Magnet Cylinder Model

If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch.
(Example) CDM2F32-100

Ordering Example: CM2 [] L 40 [] - 150 A [] - []
With auto switch: CDM2 [] L 40 [] - 150 A [] - M9BW [] - []

Applicable Auto Switch/Refer to pages 1263 to 1371 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	0.5 (Nil)	1 (M)	3 (L)	5 (Z)				None (N)	
Solid state switch	—	Grommet	Yes	3-wire (NPN)	24V	5V, 12V	—	M9N	●	●	●	○	—	○	IC circuit	Relay, PLC	
				3-wire (PNP)				M9P	●	●	●	○	—	○			
		Connector		2-wire		12V		M9B	●	●	●	○	—	○			—
								H7C	●	—	●	●	●	—			
	Diagnostic indication (2-color indication)	Grommet		3-wire (NPN)	5V, 12V	G39A **	—	—	—	—	●	—	IC circuit				
				2-wire	12V	K39A **	—	—	—	—	●	—	—				
				3-wire (NPN)	5V, 12V	M9NW	●	●	●	○	—	○	IC circuit				
				3-wire (PNP)		M9PW	●	●	●	○	—	○					
				2-wire	12V	M9BW	●	●	●	○	—	○	—				
							H7BA	—	—	●	○	—		○			
				Water resistant (2-color indication)				H7NF	●	—	●	○	—	○	IC circuit		
				With diagnostic output (2-color indication)			4-wire (NPN)	5V, 12V									
Reed switch	—	Grommet	Yes	3-wire (NPN equivalent)	—	5V	—	A96	●	—	●	—	—	—	IC circuit	—	
				2-wire	24V	12V	100V	A93	●	—	●	—	—	—	—	—	IC circuit
			100V or less				A90	●	—	●	—	—	—	—			
			100V, 200V				B54 **	●	—	●	●	—	—	—			
		200V or less	B64 **				●	—	●	—	—	—					
		—	C73C				●	—	●	●	●	—	IC circuit				
		24V or less	C80C				●	—	●	●	●	—					
		—	A33A **				—	—	—	—	●	—	—	PLC			
		100V, 200V	A34A **				—	—	—	—	●	—					
			A44A **	—	—	—	—	●	—	Relay, PLC							
		Diagnostic indication (2-color indication)	Grommet	Yes		—	—	B59W	●		—	●	—	—	—		

* 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
None N (Example) H7CN

* Solid state auto switches marked with "○" are produced upon receipt of order.
* D-A9□V/M9□V/M9□WV and D-M9□A(V)L cannot be mounted.
* Do not indicate suffix "N" for no lead wire on D-A3□A/A44A/G39A/K39A models.
** D-A3□A/A44A/G39A/K39A/B54/B64 cannot be mounted on bore sizes ø20 and ø25 cylinder with air cushion.

* Since there are other applicable auto switches than listed above, refer to page 218 for details.

* For details about auto switches with pre-wired connector, refer to pages 1328 and 1329.

* D-A9□/M9□/M9□W auto switches are shipped together (not assembled). (However, auto switch mounting brackets are assembled when being shipped.)