

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

How to Order

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

Mounting style

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

With auto switch

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
* 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

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)	5V, 12V		M9N	●	●	●	○	—	○	IC circuit	Relay, PLC				
				3-wire (PNP)			M9P	●	●	●	○	—	○						
		Connector		2-wire	12V	M9B	●	●	●	○	—	○	—						
		Terminal conduit		3-wire (NPN)	5V, 12V	H7C	●	●	●	●	—	—	—						
	Diagnostic indication (2-color indication)	Grommet	Yes	2-wire	12V	—	G39A **	—	—	—	—	●	—	—		IC circuit			
				3-wire (NPN)	5V, 12V		K39A **	—	—	—	—	●	—	—		—			
				3-wire (PNP)	5V, 12V		M9NW	●	●	●	○	—	○	—		IC circuit			
				2-wire	12V		M9PW	●	●	●	○	—	○	—		IC circuit			
				3-wire (NPN)	5V, 12V		M9BW	●	●	●	○	—	○	—		—			
				3-wire (PNP)	5V, 12V		H7BA	—	—	●	○	—	○	—		—			
Water resistant (2-color indication)	Grommet	Yes	2-wire	12V	—	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	Relay, PLC			
				Connector	2-wire	24V	12V	100V	A93	●	—	●	—	—	—		—	—	
								100V or less	A90	●	—	●	—	—	—		—	—	IC circuit
								100V, 200V	B54 **	●	—	●	—	—	—		—	—	—
								200V or less	B64 **	●	—	●	—	—	—		—	—	—
		Terminal conduit		2-wire	24V	12V	—	C73C	●	—	●	●	●	—	—		—	—	
							24V or less	C80C	●	—	●	●	●	—	—		IC circuit		
							—	A33A **	—	—	—	—	—	●	—		—	—	PLC
							100V, 200V	A34A **	—	—	—	—	—	—	●		—	—	—
							—	A44A **	—	—	—	—	—	—	—		●	—	—
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.)