

Air Cylinder: Standard Type Double Acting, Single Rod

CM2 Series

ø20, ø25, ø32, ø40

RoHS



How to Order

Cylinder stroke (mm)
(Refer to "Standard Strokes" on page 237.)

Type

NII	Pneumatic
H	Air-hydro

Bore size

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

Cushion

NII	Rubber bumper
A	Air cushion

* Air-hydro cylinder: Rubber bumper only

Pivot bracket

NII	None
N	Pivot bracket is shipped together with the product, but not assembled.

* Only for C, T, U, E, V, UZ mounting types.
* Pivot bracket is shipped together with the product, but not assembled.
* Not applicable to XB12.

Rod end thread

NII	Male rod end
F	Female rod end

Made to Order
Refer to page 237 for details.
(Refer to "Air-hydro type" on page 240.)

With auto switch (Built-in magnet)

Mounting

T	Head trunnion
E	Integrated clevis
V	Integrated clevis (90°)
BZ	Boss-cut/Basic
FZ	Boss-cut/Rod flange
UZ	Boss-cut/Rod trunnion

Port thread type

NII	Rc
TN	NPT
TF	G

* Air-hydro type: Rc only

Rod boot

NII	None
J	Nylon tarpaulin
K	Heat resistant tarpaulin

* For female rod end, no rod boot is provided.

Rod end bracket

NII	None
V	Single knuckle joint
W	Double knuckle joint

* No bracket is provided for the female rod end.
* A knuckle joint pin is not provided with the single knuckle joint.
* Rod end bracket is shipped together with the product, but not assembled.
* Not applicable to XB12.

Number of auto switches

NII	2 pcs.
S	1 pc.
n	n pcs.

Auto switch

NII	Without auto switch
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* For applicable auto switches, refer to the table below.

Ordering Example: CM2 B 40 - 150 A Z - M9BW

* Refer to "Ordering Example of Cylinder Assembly" on page 237.

Applicable Auto Switches/Refer to pages 1271 to 1365 for further information on auto switches.

Type	Special function	Electrical entry	Wiring (Output)	Load voltage		Auto switch model		Lead wire length (m)				Pre-wired connector	Applicable load					
				DC	AC	Perpendicular	In-line	0.5 (NII)	1 (M)	3 (L)	5 (Z)			None (N)				
Solid state auto switch	—	Grommet	3-wire (NPN)	5 V, 12 V	—	M9NV	M9N	●	●	●	○	○	IC circuit					
			3-wire (PNP)			M9PV	M9P	●	●	○	○							
		Connector	2-wire	M9BV	M9B	●	●	○	○	—								
			Terminal conduit	3-wire (NPN)	—	H7C	●	●	●		●							
	Diagnostic indication (2-color indicator)	Grommet	2-wire	5 V, 12 V	—	G39A	—	—	●	—	—	—	IC circuit					
			3-wire (NPN)	12 V	—	K39A	—	—	●	—	—							
		Water resistant (2-color indicator)	Grommet	3-wire (NPN)	5 V, 12 V	—	M9NVV	M9NV	●	●	●	○	○	IC circuit				
				3-wire (PNP)	12 V	—	M9PWV	M9PW	●	●	●	○	○					
				2-wire	5 V, 12 V	—	M9BWW	M9BW	●	●	○	○	—					
				3-wire (NPN)	12 V	—	M9NAV ^{*1}	M9NA ^{*1}	○	○	○	○			IC circuit			
With diagnostic output (2-color indicator)	Grommet	3-wire (PNP)	5 V, 12 V	—	M9PAV ^{*1}	M9PA ^{*1}	○	○	○	○	○	IC circuit						
		2-wire	12 V	—	M9BAV ^{*1}	M9BA ^{*1}	○	○	○	○	○							
Reed auto switch	—	Grommet	3-wire (NPN equivalent)	5 V	—	A96V	A96	●	●	●	—	—	IC circuit	Relay, PLC				
						Connector	2-wire	24 V	12 V	100 V	A93V ^{*2}	A93			●	●	●	—
			100 V or less	A90V	A90					●	●	●	—		—	IC circuit		
			100 V, 200 V	—	B54					●	●	●	—		—			
			Terminal conduit	DIN terminal	Grommet	2-wire	24 V	12 V	200 V or less	—	B64	●	●		●	—	IC circuit	
		—							—	C73C	●	●	●		●	—		
		24 V or less							—	C80C	●	●	●		●			IC circuit
		—							—	A33A	—	—	—		—	●		
		100 V, 200 V							—	A34A	—	—	—		—	●		—
		—	—	A44A	—	—	—	—	●	—								
—	—	B59W	●	●	●	—	—	—										

*1 Water resistant type auto switches can be mounted on the above models, but in such case SMC cannot guarantee water resistance.

*2 A water-resistant type cylinder is recommended for use in an environment which requires water resistance.

*3 1 m type lead wire is only applicable to D-A93.

* Lead wire length symbols: 0.5 m NII (Example) M9NW
1 m M (Example) M9NWV
3 m L (Example) M9NWL
5 m Z (Example) M9NZZ
None N (Example) H7CN

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

* Do not indicate suffix "N" for no lead wire on the D-A□3/A/44A/G39A/K39A models.

* Since there are other applicable auto switches than listed above, refer to page 331 for details.

* For details about auto switches with pre-wired connector, refer to pages 1340 and 1341.

* The D-A9□□/M9□□□ auto switches are shipped together, (but not assembled). (However, only the auto switch mounting brackets are assembled before shipment.)

Air Cylinder: Standard Type Double Acting, Double Rod

CM2W Series

∅20, ∅25, ∅32, ∅40



How to Order

Cushion

Nil	Rubber bumper
A	Air cushion

* Air-hydro cylinder: Rubber bumper only

Cylinder stroke (mm)
Refer to "Standard Strokes" on page 258.

Bore size

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

Type

Nil	Pneumatic
H	Air-hydro

Rod end thread

Nil	Male rod end
F	Female rod end

Rod boot

Nil	None
J	Nylon tarpaulin (One side)
JJ	Nylon tarpaulin (Both sides)
K	Heat resistant tarpaulin (One side)
KK	Heat resistant tarpaulin (Both sides)

* For female rod end, no rod boot is provided.

CM2W **L** **40** **-150** **A** **Z**

With auto switch **CDM2W** **L** **40** **-150** **A** **Z** **M9BW**

With auto switch
(Built-in magnet)

Mounting

B	Basic (Double-side bossed)
L	Axial foot
F	Flange
U	Trunnion

Port thread type

Nil	Rc
TN	NPT
TF	G

* Air-hydro type: Rc only

Auto switch

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

Number of auto switches

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

Made to Order
Refer to page 258 for details.
(Refer to "Air-hydro type" on page 260.)

Applicable Auto Switches/Refer to pages 1271 to 1365 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	Perpendicular	In-line	0.5	1	3	5	None (N)														
									(Nil)	(M)	(L)	(Z)	(N)														
Solid state auto switch	—	Grommet	No	3-wire (NPN)	24 V	5 V, 12 V	—	M9NV	M9N	●	●	○	—	—	—	IC circuit	Relay, PLC										
				3-wire (PNP)				M9PV	M9P	●	●	○	—	—													
				2-wire				M9BV	M9B	●	●	○	—	—													
		Terminal conduit		3-wire (NPN)				—	—	—	—	—	—	—	—			—	—	—	—						
		2-wire		—				G39A	—	—	—	—	—	—	—			—	—	—	—						
		2-wire		—				K39A	—	—	—	—	—	—	—			—	—	—	—						
	Diagnostic indication (2-color indicator)	Grommet	Yes	3-wire (NPN)	24 V	5 V, 12 V	—	M9NVV	M9NW	●	●	○	—	—	—	—	IC circuit	Relay, PLC									
	3-wire (PNP)			M9PVV				M9PW	●	●	○	—	—														
	2-wire			M9BVV				M9BW	●	●	○	—	—														
	Water resistant (2-color indicator)			3-wire (NPN)				M9NAV ^{*1}	M9NA ^{*1}	○	○	○	○	—	—	—			—	—							
With diagnostic output (2-color indicator)	Grommet	No	3-wire (PNP)	24 V	5 V, 12 V	—	M9PAV ^{*1}	M9PA ^{*1}	○	○	○	○	—	—	—	—	—										
			2-wire				M9BAV ^{*1}	M9BA ^{*1}	○	○	○	○	—	—	—	—	—										
			4-wire (NPN)				—	H7NF	●	●	○	—	—	—	—	—	—										
			—				—	—	—	—	—	—	—	—	—	—	—	—	—								
Reed auto switch	—	Grommet	No	3-wire (NPN equivalent)	24 V	12 V	—	A96V	A96	●	—	—	—	—	—	—	IC circuit	—									
								100 V	A93V ^{*2}	A93	●	●	●	—	—	—			—	—							
								100 V or less	A90V	A90	●	●	●	—	—	—			—	—	—	—					
								100 V, 200 V	—	B54	●	●	●	—	—	—			—	—	—	—					
								200 V or less	—	B64	●	●	●	—	—	—			—	—	—	—					
		Connector		No				2-wire	Yes/No/Yes/No	2-wire	24 V	12 V	—	—	C73C	●	●	●	●	—	—	IC circuit	—				
														—	C80C	●	●	●	●	—	—						
														—	A33A	—	—	—	—	—	—			—	—	—	—
														—	A34A	—	—	—	—	—	—			—	—	—	—
														—	A44A	—	—	—	—	—	—			—	—	—	—
Terminal conduit	Yes	2-wire	Yes	2-wire	24 V	12 V	—	—	A34A	—	—	—	—	—	—	—	PLC										
								—	A44A	—	—	—	—	—	—			—	—								
								—	B59W	●	●	●	—	—	—			—	—	—							
								—	—	—	—	—	—	—	—			—	—	—	—						
DIN terminal	Yes	2-wire	Yes	2-wire	24 V	12 V	—	—	A44A	—	—	—	—	—	—	—	Relay, PLC										
								—	B59W	●	●	●	—	—	—			—	—	—							

*1 Water resistant type auto switches can be mounted on the above models, but in such case SMC cannot guarantee water resistance.

Please contact SMC regarding water resistant types with the above model numbers.

*2 1 m type lead wire is only applicable to D-A93.

* Lead wire length symbols: 0.5 m Nil (Example) M9NW
 1 m M (Example) M9NWM
 3 m L (Example) M9NWL
 5 m Z (Example) M9NZ
 None N (Example) H7CN

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

* Do not indicate suffix "N" for no lead wire on D-A3□A/A44□G39A/K39A models.

* Since there are other applicable auto switches than listed above, refer to page 331 for details.

* For details about auto switches with pre-wired connector, refer to pages 1340 and 1341.

* The D-A9□□/M9□□□ auto switches are shipped together, (but not assembled). (However, only the auto switch mounting brackets are assembled before shipment.)

Air Cylinder: Standard Type Single Acting, Spring Return/Extend

CM2 Series

ø20, ø25, ø32, ø40



How to Order

B Basic (Double-side bossed)	T Head trunnion
L Axial foot	E Integrated clevis
F Rod flange	V Integrated clevis (90°)
G Head flange	BZ Boss-cut/Basic
C Single clevis	FZ Boss-cut/Rod flange
D Double clevis	UZ Boss-cut/Rod trunnion
U Rod trunnion	

Mounting

Cylinder stroke (mm)
Refer to "Standard Strokes" on page 268.

S Single acting, Spring return
T Single acting, Spring extend

Action

Nil Male rod end	F Female rod end
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Rod end thread

Nil None	N None
N Pivot bracket is shipped together with the product, but not assembled.	

Pivot bracket

Made to Order
Refer to page 268 for details.

With auto switch (Built-in magnet)

CM2 B 32-150 S Z

With auto switch

CDM2 B 32-150 S Z M9BW

20 20 mm	Nil None	Nil Without auto switch	2 pcs.
25 25 mm	V Single knuckle joint		S 1 pc.
32 32 mm	W Double knuckle joint		n "n" pcs.
40 40 mm			

Bore size

Rod end bracket

Auto switch

Number of auto switches

* No bracket is provided for the female rod end.
* A knuckle joint pin is not provided with the single knuckle joint.
* Rod end bracket is shipped together with the product, but not assembled.
* Not applicable to XB12.

* Refer to "Ordering Example of Cylinder Assembly" on page 268.

Applicable Auto Switches/Refer to pages 1271 to 1365 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	Perpendicular	In-line	0.5	1	3	5	None								
									(Nil)	(M)	(L)	(Z)	(N)								
Solid state auto switch	—	Grommet	Yes	3-wire (NPN)	5 V, 12 V	—	M9NV	M9N	●	●	○	○	○	IC circuit	Relay, PLC						
				3-wire (PNP)			M9PV	M9P	●	●	○	○	○								
		2-wire		M9BV	M9B	●	●	○	○	○	—										
		Terminal conduit		3-wire (NPN)	5 V, 12 V	—	H7C	●	●	●		●									
	Diagnostic indication (2-color indicator)	Grommet	Yes	2-wire	12 V	—	G39A	—	—	●	—	—	—	IC circuit							
				3-wire (NPN)	5 V, 12 V	—	K39A	—	—	—	●	—	—	—		IC circuit					
	Water resistant (2-color indicator)	Grommet	Yes	3-wire (NPN)	5 V, 12 V	—	M9NVV	M9NV	●	●	○	○	○	IC circuit							
				3-wire (PNP)			M9PVV	M9PV	●	●	○	○	○								
				2-wire	12 V	—	M9BVV	M9BV	●	●	○	○	○	—							
				3-wire (NPN)	5 V, 12 V	—	M9NAV ^{*1}	M9NA ^{*1}	○	○	○	○	○	○		IC circuit					
With diagnostic output (2-color indicator)	Grommet	Yes	3-wire (PNP)	5 V, 12 V	—	M9PAV ^{*1}	M9PA ^{*1}	○	○	○	○	○	IC circuit								
			2-wire			12 V	—	M9BAV ^{*1}	M9BA ^{*1}	○	○	○		○	○	○					
Reed auto switch	—	Grommet	Yes	3-wire (NPN equivalent)	—	5 V	—	A96V	A96	●	—	—	—	—	IC circuit	—					
				2-wire			24 V	12 V	A93V ^{*2}	A93	●	●	●	●	—		—				
				100 V or less	—	—	A90V	A90	●	●	●	●	—	—	IC circuit						
				100 V, 200 V	—	—	—	B54	●	●	●	●	—	—	—						
				200 V or less	—	—	—	B64	●	●	●	●	—	—	—						
		Connector		No	Yes/No/Yes/No	2-wire	24 V	12 V	24 V or less	—	C73C	●	●	●	●		●	—	IC circuit		
									—	—	C80C	●	●	●	●		●	—	—		
									—	—	A33A	—	—	—	—		—	●	—	—	PLC
									100 V, 200 V	—	—	A34A	—	—	—		—	—	—	—	—
									—	—	—	A44A	—	—	—		—	—	●	—	—
DIN terminal	Yes	Grommet	—	—	—	—	—	B59W	●	●	●	●	—	—	—						

*1 Water resistant type auto switches can be mounted on the above models, but in such case SMC cannot guarantee water resistance.
Please contact SMC regarding water resistant types with the above model numbers.
*2 1 m type lead wire is only applicable to D-A93.

* Lead wire length symbols: 0.5 m Nil (Example) M9NW
1 m M (Example) M9NVW
3 m L (Example) M9NWL
5 m Z (Example) M9NZW
None N (Example) H7CN

* Solid state auto switches marked with "○" are produced upon receipt of order.
* Do not indicate suffix "N" for no lead wire on D-A3□A/A44□G39A/K39A models.

* Since there are other applicable auto switches than listed above, refer to page 331 for details.
* For details about auto switches with pre-wired connector, refer to pages 1340 and 1341.
* The D-A9□□/M9□□ auto switches are shipped together, (but not assembled). (However, only the auto switch mounting brackets are assembled before shipment.)

Air Cylinder: Non-rotating Rod Type

Double Acting, Single Rod

CM2K Series

ø20, ø25, ø32, ø40

RoHS



How to Order

B Basic (Double-side bossed)	T Head trunnion	Mounting	E Integrated clevis	Cylinder stroke (mm) Refer to "Standard Strokes" on page 283.	Pivot bracket	Nil None
L Axial foot	V Integrated clevis (90°)		N Pivot bracket is shipped together with the product, but not assembled.			
F Rod flange	BZ Boss-cut/Basic		* Only for C, T, U, E, V, UZ mounting types.			
G Head flange	FZ Boss-cut/Rod flange		* Pivot bracket is shipped together with the product, but not assembled.			
C Single clevis	UZ Boss-cut/Rod trunnion	Bore size	20 20 mm	Cushion	Nil Rubber bumper	
D Double clevis			25 25 mm		A Air cushion	
U Rod trunnion			32 32 mm			
			40 40 mm			

Made to Order
Refer to page 283 for details.

With auto switch **CDM2K** **B** **40** - **150** **A** **Z** - **M9BW**

With auto switch (Built-in magnet) **CM2K** **B** **40** - **150** **A** **Z** - **M9BW**

Nil	Male rod end
F	Female rod end

Rod end thread

Nil	None
J	Nylon tarpaulin
K	Heat resistant tarpaulin

Rod boot

Nil	None
V	Single knuckle joint
W	Double knuckle joint

Auto switch

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

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

* No bracket is provided for the female rod end.
* A knuckle joint pin is not provided with this single knuckle joint.
* Rod end bracket is shipped together with the product, but not assembled.
* Not applicable to XB12.

Refer to "Ordering Example of Cylinder Assembly" on page 283.

Applicable Auto Switches/Refer to pages 1271 to 1365 for further information on auto switches.

Type	Special function	Electrical entry	Indicator light	Wiring (Output)	Load voltage		Auto switch model					Pre-wired connector	Applicable load						
					DC	AC	Perpendicular	In-line	Lead wire length (m)										
						0.5 (Nil)	1 (M)	3 (L)	5 (Z)	None (N)									
Solid state auto switch	—	Grommet	No	3-wire (NPN)	24 V	5 V, 12 V	—	M9NV	M9N	●	●	●	○	—	○	IC circuit			
				3-wire (PNP)				M9PV	M9P	●	●	●	○	—	○				
		2-wire		M9BV				M9B	●	●	●	○	—	○	—				
		Terminal conduit		—				H7C	—	—	●	●	—	—	—				
	Diagnostic indication (2-color indicator)	Grommet	Yes	3-wire (NPN)	24 V	5 V, 12 V	—	M9NVV	M9NV	●	●	●	○	—	○	IC circuit			
				3-wire (PNP)				M9PVV	M9PV	●	●	●	○	—	○				
	Water resistant (2-color indicator)	Grommet	No	2-wire	24 V	5 V, 12 V	—	M9BWW	M9BW	●	●	●	○	—	—	—			
				3-wire (NPN)				M9NAV*1	M9NA*1	○	○	○	○	—	—				
				3-wire (PNP)				M9PAV*1	M9PA*1	○	○	○	○	—	—				
				2-wire				M9BAV*1	M9BA*1	○	○	○	○	—	—				
With diagnostic output (2-color indicator)	Grommet	Yes	4-wire (NPN)	24 V	5 V, 12 V	—	H7NF	●	●	●	○	—	○	IC circuit					
Reed auto switch	—	Grommet	Yes	3-wire (NPN equivalent)	24 V	5 V	—	A96V	A96	●	●	●	—	—	—	IC circuit			
				100 V				A93V*2	A93	●	●	●	—	—	—				
				100 V or less				A90V	A90	●	●	●	—	—	—		○	IC circuit	
				100 V, 200 V				—	B54*3	●	●	●	—	—	—				
		Connector	No	Yes/No/Yes/No	2-wire	24 V	12 V	—	200 V or less	—	B64*3	●	●	●	—	—	—		
									24 V or less	—	C73C	●	●	●	●	—		—	
		Terminal conduit	No	Yes	2-wire	24 V	12 V	—	—	—	C80C	●	●	●	●	—	IC circuit		
									—	—	A33A*3	—	—	—	—	—	—	—	PLC
									100 V, 200 V	—	A34A*3	—	—	—	—	—	—	—	—
									—	—	A44A*3	—	—	—	—	—	—	—	
DIN terminal	Yes	—	—	—	—	—	—	B59W	●	●	●	—	—	Relay, PLC					

*1 Water resistant type auto switches can be mounted on the above models, but in such case SMC cannot guarantee water resistance.

Please contact SMC regarding water resistant types with the above model numbers.

*2 1 m type lead wire is only applicable to D-A93.

* Lead wire length symbols: 0.5 m Nil (Example) M9NV
1 m M (Example) M9NVW
3 m L (Example) M9NWL
5 m Z (Example) M9NZ
None N (Example) H7CN

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

* Do not indicate suffix "N" for no lead wire on the D-A3/A4/A44A/G39A/K39A models.

* D-A3/A4/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 331 for details.

* For details about auto switches with pre-wired connector, refer to pages 1340 and 1341.

* The D-A9□□/M9□□ auto switches are shipped together, (but not assembled). (However, only the auto switch mounting brackets are assembled before shipment.)

Air Cylinder: Non-rotating Rod Type

Double Acting, Double Rod

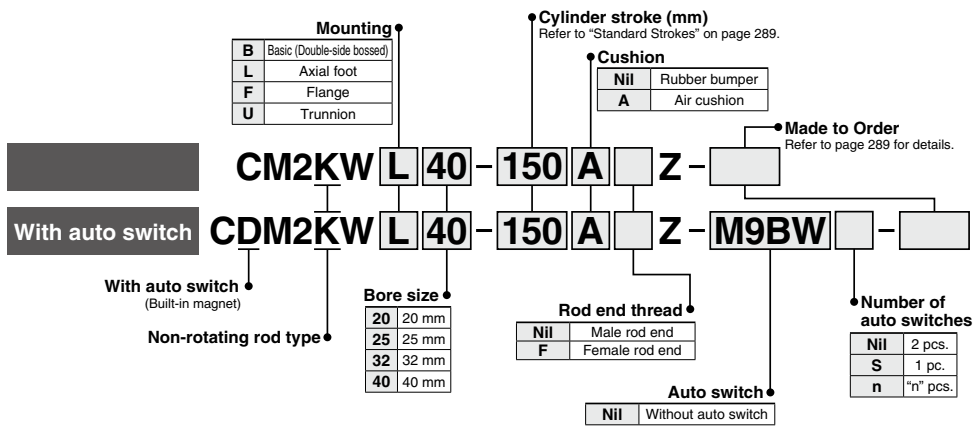
CM2KW Series

ø20, ø25, ø32, ø40

RoHS



How to Order



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

Applicable Auto Switches/Refer to pages 1271 to 1365 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	Perpendicular	In-line	0.5	1	3	5	None												
									(Nil)	(M)	(L)	(Z)	(N)												
Solid state auto switch	—	Grommet	Yes	3-wire (NPN)	24 V	—	M9NV	M9N	●	●	○	—	—	○	IC circuit	Relay, PLC									
				3-wire (PNP)			M9PV	M9P	●	●	○	—	—	○											
		2-wire		M9BV			M9B	●	●	○	—	—	○	—											
		Terminal conduit		—			H7C	—	—	●	●	—	—	—			—								
		3-wire (NPN)		—			G39A**	—	—	●	—	—	—	—			—	—	—						
		2-wire		—			K39A**	—	—	●	—	—	—	—			—	—	—						
	Diagnostic indication (2-color indicator)	Grommet	Yes	3-wire (NPN)	24 V	—	M9NVV	M9NV	●	●	○	—	—	○	—		IC circuit								
				3-wire (PNP)			M9PVV	M9PV	●	●	○	—	—	○	—										
				2-wire			M9BVV	M9BV	●	●	○	—	—	○	—										
				3-wire (NPN)			M9NAV*1	M9NA*1	○	○	○	○	○	○	○			—	—						
Water resistant (2-color indicator)	Grommet	Yes	3-wire (PNP)	24 V	—	M9PAV*1	M9PA*1	○	○	○	○	○	○	○	—										
			2-wire			M9BAV*1	M9BA*1	○	○	○	○	○	○	○	—										
With diagnostic output (2-color indicator)	Grommet	Yes	4-wire (NPN)	24 V	—	—	H7NF	●	●	○	—	—	○	—	—										
			—			—	—	—	—	—	—	—	—	—	—	—									
Reed auto switch	—	Grommet	Yes	3-wire (NPN equivalent)	24 V	12 V	—	A96V	A96	●	—	—	—	—	—	—	—	IC circuit	Relay, PLC						
								100 V	A93V*2	A93	●	●	●	—	—	—	—			—	—				
								100 V or less	A90V	A90	●	●	●	—	—	—	—			—	—	—			
								100 V, 200 V	—	B54**	●	●	●	—	—	—	—			—	—	—			
								200 V or less	—	B64**	●	●	●	—	—	—	—			—	—	—			
		Connector		No			Yes/No	2-wire	24 V	12 V	—	—	C73C	●	●	●	●	—		—	—	—	—		
												—	C80C	●	●	●	●	—		—	—	—	—	—	
												—	A33A**	—	—	—	—	—		—	—	—	—	—	—
												—	A34A**	—	—	—	—	—		—	—	—	—	—	—
												—	A44A**	—	—	—	—	—		—	—	—	—	—	—
Terminal conduit	No	Yes	2-wire	24 V	12 V	—	—	C80C	●	●	●	●	—	—	—	—	—								
							—	A33A**	—	—	—	—	—	—	—	—	—	—	—						
DIN terminal	Yes	Yes	2-wire	24 V	12 V	—	100 V	—	A34A**	—	—	—	—	—	—	—	—								
							200 V	—	A44A**	—	—	—	—	—	—	—	—	—	—						
Diagnostic indication (2-color indicator)	Grommet	Yes	2-wire	24 V	12 V	—	—	B59W	●	●	●	—	—	—	—	—	—								
							—	—	—	—	—	—	—	—	—	—	—	—	—						

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

*2 1 m type lead wire is only applicable to D-A93.

* Lead wire length symbols: 0.5 m Nil (Example) M9NW
 1 m M (Example) M9NWM
 3 m L (Example) M9NWL
 5 m Z (Example) M9NZ
 None N (Example) H7CN

* Solid state auto switches marked with "C" are produced upon receipt of order.
 * Do not indicate suffix "N" for no lead wire on the 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 331 for details.

* For details about auto switches with pre-wired connector, refer to pages 1340 and 1341.

* The D-A9□□/M9□□ auto switches are shipped together, (but not assembled). (However, only the auto switch mounting brackets are assembled before shipment.)

Air Cylinder: Non-rotating Rod Type Single Acting, Spring Return/Extend

CM2K Series

∅20, ∅25, ∅32, ∅40

RoHS

How to Order



Mounting

B	Basic (Double-side bossed)
L	Axial foot
F	Rod flange
G	Head flange
C	Single clevis
D	Double clevis
U	Rod trunnion

Head trunnion

T	Head trunnion
E	Integrated clevis
V	Integrated clevis (90°)
BZ	Boss-cut/Basic
FZ	Boss-cut/Rod flange
UZ	Boss-cut/Rod trunnion

Cylinder stroke (mm)
Refer to "Standard Strokes" on page 294.

Action

S	Single acting, Spring return
T	Single acting, Spring extend

Rod end thread

Nil	Male rod end
F	Female rod end

Pivot bracket

Nil	None
N	Pivot bracket is shipped together with the product, but not assembled.

* Only for C, T, U, E, V, UZ mounting types.
* Pivot bracket is shipped together with the product, but not assembled.

CM2K L 32 - 150 S [] Z - [] - []

With auto switch CDM2K L 32 - 150 S [] Z - [] - [] M9BW [] - []

With auto switch
(Built-in magnet)

Rod end bracket

Nil	None
V	Single knuckle joint
W	Double knuckle joint

Auto switch

Nil	Without auto switch
-----	---------------------

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

Number of auto switches

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

Bore size

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

* No bracket is provided for the female rod end.
* A knuckle joint pin is not provided with the single knuckle joint.
* Rod end bracket is shipped together with the product, but not assembled.
* Not applicable to XB12.

Made to Order
Refer to page 294 for details.

* Refer to "Ordering Example of Cylinder Assembly" on page 294.

Applicable Auto Switches/Refer to pages 1271 to 1365 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	Perpendicular	In-line	0.5 (Nil)	1 (M)	3 (L)	5 (Z)	None (N)						
Solid state auto switch	—	Grommet	No	3-wire (NPN)	5 V, 12 V	—	M9NV	M9N	●	●	○	—	—	○	IC circuit	Relay, PLC			
				3-wire (PNP)			M9PV	M9P	●	●	○	—	○						
		2-wire		M9BV	M9B		●	●	○	—	○	—							
		—		—	H7C		●	●	○	—	○	—							
		—		—	G39A		—	—	●	—	—	—	—						
		—		—	K39A		—	—	●	—	—	—	—						
	Diagnostic indication (2-color indicator)	Grommet	Yes	3-wire (NPN)	5 V, 12 V	M9NVV	M9NW	●	●	○	—	—	○	—	IC circuit	Relay, PLC			
				3-wire (PNP)		M9PVV	M9PW	●	●	○	—	○	—						
				2-wire		M9BVV	M9BW	●	●	○	—	○	—						
				—		—	—	—	—	—	—	—	—	—					
Water resistant (2-color indicator)	Grommet	Yes	3-wire (NPN)	5 V, 12 V	M9NAV*1	M9NA*1	○	○	○	—	—	○	—	IC circuit	—				
			3-wire (PNP)		M9PAV*1	M9PA*1	○	○	○	—	○	—							
Reed auto switch	—	Grommet	No	3-wire (NPN equivalent)	5 V	—	A96V	A96	●	●	—	—	—	—	IC circuit	—			
							100 V	A93V*2	A93	●	●	●	—	—			—		
							100 V or less	A90V	A90	●	●	●	—	—			—		
							100 V, 200 V	—	B54	●	●	●	—	—			—		
							200 V or less	—	B64	●	●	●	—	—			—		
		Connector		2-wire	No	24 V	12 V	—	—	C73C	●	●	●	●	—	—	IC circuit	—	
									—	C80C	●	●	●	●	—	—			
									24 V or less	—	A33A	—	—	—	—	—			—
									—	—	A34A	—	—	—	—	—			—
									—	—	A44A	—	—	—	—	—			—
Terminal conduit	2-wire	Yes	24 V	12 V	—	100 V	—	A34A	—	—	—	—	—	—	Relay, PLC				
						200 V	—	A44A	—	—	—	—	—						
						—	—	B59W	●	●	●	—	—			—			
						—	—	—	—	—	—	—	—			—			
						—	—	—	—	—	—	—	—			—			

*1 Water resistant type auto switches can be mounted on the above models, but in such case SMC cannot guarantee water resistance. Please contact SMC regarding water resistant types with the above model numbers.
 *2 1 m type lead wire is only applicable to D-A93.
 * 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.
 * Do not indicate suffix "N" for no lead wire on the D-A93□/A44A/G39A/K39A models.
 * Since there are other applicable auto switches than listed above, refer to page 331 for details.
 * For details about auto switches with pre-wired connector, refer to pages 1340 and 1341.
 * The D-A93□/M9□□ auto switches are shipped together, (but not assembled). (However, only the auto switch mounting brackets are assembled before shipment.)

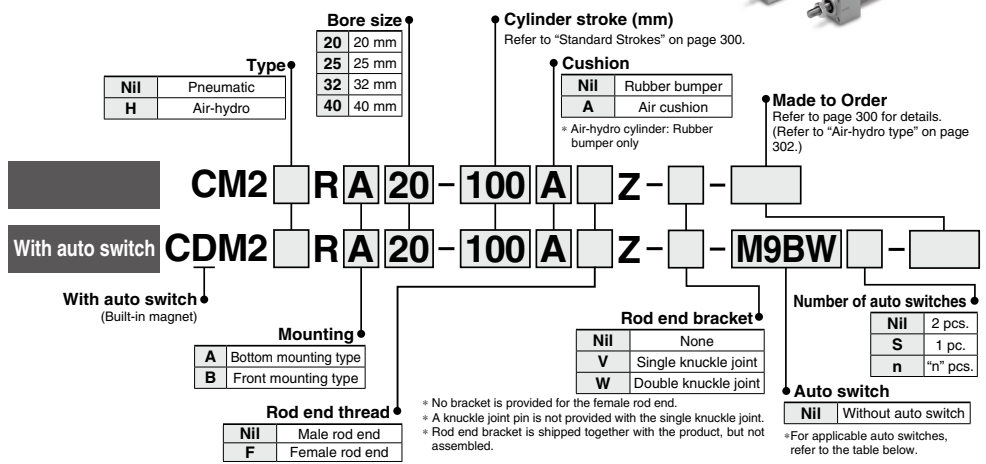
Air Cylinder: Direct Mount Type Double Acting, Single Rod

CM2R Series

∅20, ∅25, ∅32, ∅40



How to Order



* Refer to "Ordering Example of Cylinder Assembly" on page 300.

Applicable Auto Switches/Refer to pages 1271 to 1365 for further information on auto switches.

Type	Special function	Electrical entry	Indicator light	Wiring (Output)	Load voltage		Auto switch model					Pre-wired connector	Applicable load								
					DC	AC	Perpendicular	In-line	Lead wire length (m)												
Solid state auto switch	—	Grommet	No	3-wire (NPN)	24 V	5 V, 12 V	—	M9NV	M9N	●	●	○	—	○	IC circuit						
				3-wire (PNP)				M9PV	M9P	●	●	○	—	○							
				2-wire				M9BV	M9B	●	●	○	—	○							
		Terminal conduit		3-wire (NPN)				—	H7C	●	—	●	—	—							
		2-wire		—				G39A**	—	—	●	—	—	—							
		2-wire		—				K39A**	—	—	●	—	—	—							
	Diagnostic indication (2-color indicator)	Grommet	Yes	3-wire (NPN)	24 V	5 V, 12 V	—	M9NVV	M9NV	●	●	○	—	○	IC circuit						
				3-wire (PNP)				M9PVV	M9PV	●	●	○	—	○							
				2-wire				M9BVV	M9BV	●	●	○	—	○							
				2-wire				—	H7NF	●	—	●	—	—							
Water resistant (2-color indicator)	Grommet	No	3-wire (NPN)	24 V	5 V, 12 V	—	M9NAV*1	M9NA*1	○	○	○	—	○	IC circuit							
			3-wire (PNP)				M9PAV*1	M9PA*1	○	○	○	—	○								
With diagnostic output (2-color indicator)	Grommet	No	2-wire	24 V	12 V	—	M9BAV*1	M9BA*1	○	○	○	—	○	IC circuit							
			4-wire (NPN)				—	H7NF	●	—	●	—	—								
Reed auto switch	—	Grommet	Yes	3-wire (NPN equivalent)	24 V	12 V	—	A96V	A96	●	—	—	—	—	IC circuit						
								100 V	A93V*2	A93	●	●	●	—		—					
								100 V or less	A90V	A90	●	●	●	—		—					
								100 V, 200 V	—	B54**	●	—	●	—		—					
								200 V or less	—	B64**	●	—	●	—		—					
		Connector		2-wire				No	2-wire	24 V	12 V	—	—	C73C	●	—	●	—	—	IC circuit	
													—	C80C	●	—	●	—	—		
													—	A33A**	—	—	—	●	—		—
													—	A34A**	—	—	—	●	—		—
													—	A44A**	—	—	—	●	—		—
Terminal conduit	2-wire	Yes	2-wire	24 V	12 V	—	—	A33A**	—	—	—	—	—	PLC							
							—	A34A**	—	—	—	—	—								
DIN terminal	2-wire	Yes	2-wire	24 V	12 V	—	—	A44A**	—	—	—	—	—	Relay, PLC							
							—	B59W	●	—	●	—	—								

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

*2 1 m type lead wire is only applicable to D-A93.

* Lead wire length symbols: 0.5 m Nil (Example) M9NW
1 m M (Example) M9NWM
3 m L (Example) M9NWL
5 m Z (Example) M9NZ
None N (Example) H7CN

* Solid state auto switches marked with "○" are produced upon receipt of order.
* Do not indicate suffix "N" for no lead wire on the D-A3□A/A44A/G39A/K39A models.
** D-A3□A/A44A/G39A/K39A/B54/B64 cannot be mounted on bore sizes e20 and e25 cylinder with air cushion.

* Since there are other applicable auto switches than listed above, refer to page 331 for details.
* For details about auto switches with pre-wired connector, refer to pages 1340 and 1341.
* The D-A9□□/M9□□ auto switches are shipped together, (but not assembled). (However, only the auto switch mounting brackets are assembled before shipment.)

Air Cylinder: Direct Mount, Non-rotating Rod Type

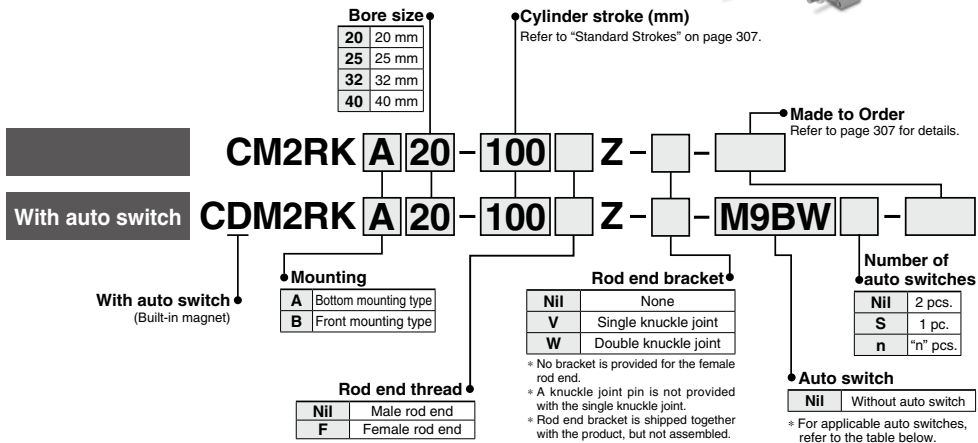
Double Acting, Single Rod

CM2RK Series

ø20, ø25, ø32, ø40



How to Order



* Refer to "Ordering Example of Cylinder Assembly" on page 307.

Applicable Auto Switches/Refer to pages 1271 to 1365 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	Perpendicular	In-line	0.5 (Nil)	1 (M)	3 (L)	5 (Z)	None (N)													
Solid state auto switch	—	Grommet	No	3-wire (NPN)	5 V, 12 V	—	—	M9NV	M9N	●	●	○	—	○	IC circuit	Relay, PLC										
				3-wire (PNP)				M9PV	M9P	●	●	○	—	○												
		2-wire		M9BV	M9B			●	●	○	—	○	—													
		—		H7C	●			—	●	—	—	—	—													
		—		G39A	—			—	●	—	—	—	—	IC circuit												
		—		K39A	—			—	●	—	—	—	—	—												
	Diagnostic indication (2-color indicator)	Grommet	Yes	3-wire (NPN)	24 V	5 V, 12 V	—	—	M9NVV	M9NW	●	●	○	—	○	IC circuit	Relay, PLC									
				3-wire (PNP)					M9PVV	M9PV	●	●	○	—	○											
				2-wire					M9BVV	M9BV	●	●	○	—	○			—								
				—					H7NF	●	—	●	—	—	—			—								
Water resistant (2-color indicator)	Grommet	No	3-wire (NPN)	5 V, 12 V	—	—	—	M9NAV ^{*1}	M9NA ^{*1}	○	○	○	—	○	IC circuit	—										
			3-wire (PNP)					M9PAV ^{*1}	M9PA ^{*1}	○	○	○	—	○												
With diagnostic output (2-color indicator)	Grommet	Yes	2-wire	12 V	—	—	—	M9BAV ^{*1}	M9BA ^{*1}	○	○	○	—	○	IC circuit	—										
			4-wire (NPN)					—	H7NF	●	—	●	—	—			—									
Reed auto switch	—	Grommet	No	3-wire (NPN equivalent)	24 V	12 V	—	—	A96V	A96	●	—	—	—	—	IC circuit	—									
									100 V	A93V ^{*2}	A93	●	●	●	—			—	—							
									100 V or less	A90V	A90	●	—	—	—			—	—	IC circuit						
									100 V, 200 V	—	B54	●	—	●	—			—	—	—						
									200 V or less	—	B64	●	—	●	—			—	—	—						
		Connector		Yes					2-wire	No	—	—	—	—	—	C73C	●	—	●	●	—	IC circuit	—			
															—	C80C	●	—	●	●	—			—		
															24 V or less	—	A33A	—	—	—	—			—	—	—
															—	—	A34A	—	—	—	—			—	—	—
															—	—	A44A	—	—	—	—			—	—	—
Terminal conduit	Yes	—	No	—	—	—	—	100 V,	—	—	—	—	—	—	—	Relay, PLC										
								200 V	—	—	—	—	—	—			—									
DIN terminal	Yes	—	No	—	—	—	—	—	—	—	—	—	—	—	—	Relay, PLC										
								—	—	—	—	—	—	—			—									
With diagnostic indication (2-color indicator)	Grommet	Yes	No	—	—	—	—	—	B59W	●	—	●	—	—	—	—										
								—	—	—	—	—	—	—			—									

*1 Water resistant type auto switches can be mounted on the above models, but in such case SMC cannot guarantee water resistance.

Please contact SMC regarding water resistant types with the above model numbers.

*2 1 m type lead wire is only applicable to D-A93.

* Lead wire length symbols: 0.5 m Nil (Example) M9NW
1 m M (Example) M9NWV
3 m L (Example) M9NWL
5 m Z (Example) M9NZ
None N (Example) H7CN

* Solid state auto switches marked with "○" are produced upon receipt of order.
* Do not indicate suffix "N" for no lead wire on D-A3□A/A44/G39A/K39A models.

* Since there are other applicable auto switches than listed above, refer to page 331 for details.

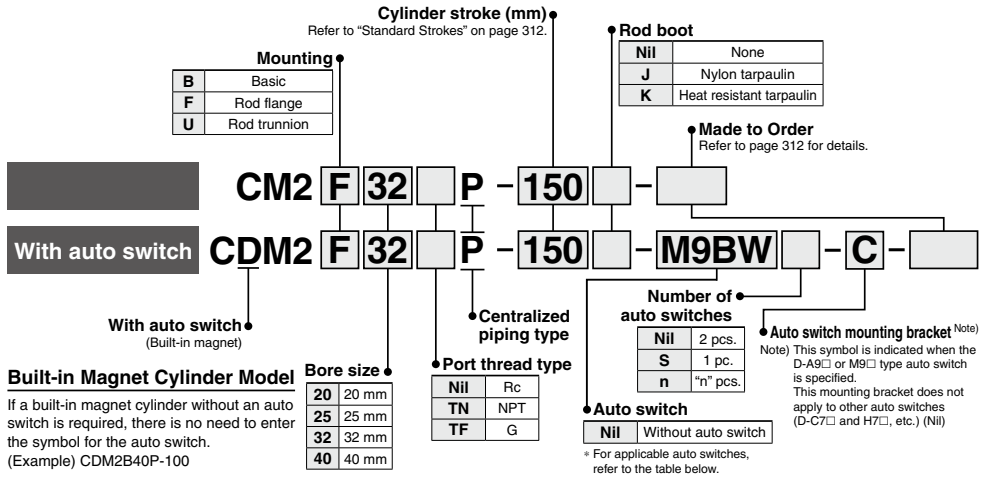
* For details about auto switches with pre-wired connector, refer to pages 1340 and 1341.

* The D-A9□□/M9□□ auto switches are shipped together, (but not assembled). (However, only the auto switch mounting brackets are assembled before shipment.)

Air Cylinder: Centralized Piping Type Double Acting, Single Rod

CM2□P Series ø20, ø25, ø32, ø40

How to Order



Applicable Auto Switches/Refer to pages 1271 to 1365 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	Perpendicular	In-line	0.5 (Nil)	1 (M)	3 (L)	5 (Z)	None (N)							
Solid state auto switch	—	Grommet	No	3-wire (NPN)	5 V, 12 V	—	M9NV	M9N	●	●	○	—	—	○	IC circuit	Relay, PLC				
				3-wire (PNP)			M9PV	M9P	●	●	○	—	○							
				2-wire	M9BV		M9B	●	●	○	—	○								
		—		H7C	●		—	●	—	—	—	—								
		—		G39A	—		—	●	—	—	—	—	IC circuit							
		—		K39A	—		—	●	—	—	—	—	—							
	Diagnostic indication (2-color indicator)	Grommet	Yes	3-wire (NPN)	5 V, 12 V	M9NVV	M9NV	●	●	○	—	—	○	—	IC circuit					
				3-wire (PNP)		M9PVV	M9PV	●	●	○	—	—	○	—						
				2-wire	M9BVV	M9BV	●	●	○	—	—	○	—							
				—	H7NF	●	—	●	—	—	—	—	—							
Water resistant (2-color indicator)	Grommet	No	3-wire (NPN)	5 V, 12 V	M9NAV ^{*1}	M9NA ^{*1}	○	○	○	—	—	○	—	IC circuit						
			3-wire (PNP)		M9PAV ^{*1}	M9PA ^{*1}	○	○	○	—	—	○	—							
Reed auto switch	—	Grommet	No/Yes/No/Yes/No	3-wire (NPN equivalent)	5 V	24 V	12 V	A96V	A96	●	—	●	—	—	—	IC circuit	Relay, PLC			
				—				A93V ^{*2}	A93	●	●	●	—	—	—	—				
				—	A90V		A90	●	●	●	—	—	—	—	IC circuit					
				—	B54		●	—	●	—	—	—	—	—	—					
				—	B64		●	—	●	—	—	—	—	—	—					
		Connector		No	2-wire		—	24 V or less	—	C73C	●	—	●	●	●	—		—	—	IC circuit
							—		C80C	●	—	●	●	●	—	—		—		
							—		A33A	—	—	—	—	—	—	—		—	—	PLC
		Terminal conduit		No	—		—	100 V, 200 V	—	A34A	—	—	—	—	—	—		—	—	Relay, PLC
							—		A44A	—	—	—	—	—	—	—		—		
DIN terminal	Yes	Grommet	—	—	—	B59W	●	—	●	—	—	—	—	—	—					
			—		—	—	—	—	—	—	—	—	—	—	—					

*1 Water resistant type auto switches can be mounted on the above models, but in such case SMC cannot guarantee water resistance.

Please contact SMC regarding water resistant types with the above model numbers.

*2 1 m type lead wire is only applicable to D-A93.

* Lead wire length symbols: 0.5 m Nil (Example) M9NV
1 m M (Example) M9NVW
3 m L (Example) M9NWL
5 m Z (Example) M9NWX
None N (Example) H7CN

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

* Since there are other applicable auto switches than listed above, refer to page 331 for details.

* For details about auto switches with pre-wired connector, refer to pages 1340 and 1341.

* The D-A9□/M9□□ auto switches are shipped together, (but not assembled). (However, only the auto switch mounting brackets are assembled before shipment.)

Air Cylinder: With End Lock

CBM2 Series

ø20, ø25, ø32, ø40

How to Order

CBM2 **L** **40** - **150** **H** **N** -

With auto switch **CDBM2** **L** **40** - **150** **H** **N** - **M9BW** **C** -

With auto switch
(Built-in magnet)

Mounting

B	Basic	T	Head trunnion
L	Axial foot	E	Integrated clevis
F	Rod flange	BZ	Boss-cut/Basic
G	Head flange	FZ	Boss-cut/Rod flange
C	Single clevis	UZ	Boss-cut/Rod trunnion
D	Double clevis		
U	Rod trunnion		

Bore size

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

Cylinder stroke (mm)

Refer to "Standard Strokes" on page 317.

Manual release

N	Non-locking type
L	Locking type

Lock position

H	Head end lock
R	Rod end lock
W	Double end lock

Auto switch mounting bracket (Note)
Note) This symbol is indicated when the D-A9□ or M9□ type auto switch is specified. This mounting bracket does not apply to other auto switches (D-C7□ and H7□, etc.) (Nil)

Number of auto switches

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

Lock boot

Nil	None
J	Nylon tarpaulin
K	Heat resistant tarpaulin

Auto switch

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

Made to Order
Refer to page 317 for details.

Cushion

Nil	Rubber bumper
A	Air cushion

* Integrated clevis and boss-cut types are available only for locking at rod end.

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) CDBM2L40-100-HN

Applicable Auto Switches/Refer to pages 1271 to 1365 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	Perpendicular	In-line	0.5 (Nil)	1 (M)	3 (L)	5 (Z)	None (N)								
Solid state auto switch	—	Grommet	No	3-wire (NPN)	24 V	5 V, 12 V	—	M9NV	M9N	●	●	○	—	○	IC circuit	Relay, PLC					
				3-wire (PNP)				M9PV	M9P	●	●	○	—	○							
				2-wire				M9BV	M9B	●	●	○	—	○							
		Terminal conduit	3-wire (NPN)	—				—	—	—	—	●	—	—			IC circuit				
		2-wire	—	—				—	—	—	—	●	—	—			—				
		3-wire (NPN)	—	—				—	—	—	—	●	—	—			—				
	Diagnostic indication (2-color indicator)	Grommet	Yes	3-wire (PNP)	24 V	5 V, 12 V	—	M9NVV	M9NV	●	●	○	—	○	IC circuit	Relay, PLC					
				3-wire (PNP)				M9PVV	M9PV	●	●	○	—	○							
				2-wire				M9BVV	M9BV	●	●	○	—	○							
				3-wire (NPN)				M9NAV*1	M9NA*1	○	○	○	○	○			—	○			
Water resistant (2-color indicator)	Grommet	No	3-wire (PNP)	24 V	5 V, 12 V	—	M9PAV*1	M9PA*1	○	○	○	○	○	IC circuit	Relay, PLC						
			2-wire				M9BAV*1	M9BA*1	○	○	○	○	○								
			3-wire (NPN)				—	—	—	—	—	—	○			—	—				
			4-wire (NPN)				—	—	—	—	—	—	○			—	—				
Reed auto switch	—	Grommet	Yes	3-wire (NPN equivalent)	24 V	12 V	—	A96V	A96	●	—	—	—	—	IC circuit	—					
				100 V				A93V*2	A93	●	●	●	—	—							
				100 V or less				A90V	A90	●	—	—	—	—							
				100 V, 200 V				—	B54*3	●	●	●	—	—							
				200 V or less				—	B64*3	●	●	●	—	—							
		Connector	No	Yes				2-wire	24 V	12 V	—	—	C73C	●	●	●	●	—	IC circuit	—	
												—	C80C	●	●	●	●	—			
												24 V or less	—	A33A*4	—	—	—	●			—
												—	—	A34A*4	—	—	—	●			—
												—	—	A44A*4	—	—	—	●			—
Terminal conduit	No	Yes	2-wire	24 V	12 V	—	—	—	—	—	—	—	—	PLC	—						
							—	—	—	—	—	—	—			—					
							100 V, 200 V	—	—	—	—	—	—			—					
							—	—	—	—	—	—	—			—					
							—	—	—	—	—	—	—			—					
DIN terminal	Yes	No	2-wire	24 V	12 V	—	—	—	—	—	—	—	—	Relay, PLC	—						
							—	—	—	—	—	—	—			—					
							—	—	—	—	—	—	—			—					
							—	—	—	—	—	—	—			—					
							—	—	—	—	—	—	—			—					
Diagnostic indication (2-color indicator)	Grommet	Yes	2-wire	24 V	12 V	—	—	B59W	●	●	—	—	—	IC circuit	—						
							—	—	—	—	—	—	—			—					
							—	—	—	—	—	—	—			—					
							—	—	—	—	—	—	—			—					
							—	—	—	—	—	—	—			—					

*1 Water resistant type auto switches can be mounted on the above models, but in such case SMC cannot guarantee water resistance.

Please contact SMC regarding water resistant types with the above model numbers.

*2 1 m type lead wire is only applicable to D-A93.

* Lead wire length symbols: 0.5 m Nil (Example) M9NV
1 m M (Example) M9NVW
3 m L (Example) M9NWL
5 m Z (Example) M9NZ
None N (Example) H7CN

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

* Do not indicate suffix "N" for no lead wire on D-A3□/A44□/G39A/K39A models.

** The D-A3□/A44□/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 331 for details.

* For details about auto switches with pre-wired connector, refer to pages 1340 and 1341.

* The D-A9□/M9□ auto switches are shipped together, (but not assembled). (However, only the auto switch mounting brackets are assembled before shipment.)