

CMK2-Z Series

How to order

No switch (built-in magnet for switch)

CMK2-Z - 00 - 20 - 100 - V - Y

With switch (built-in magnet for switch)

CMK2-Z - 00 - 20 - 100 - T0H - R - V - Y

A Mounting
*1

B Bore size

C Port thread

D Stroke

E Switch model No.

F Switch quantity
*8

G Option
*3, *4

H Accessory
*5

⚠ Precautions for model No. selection

*1 : One side foot (LS) has the max. stroke of 50 mm.

*2 : For the min. stroke with switch and the max. and min. strokes with bellows, refer to page 172.

*3 : The compatible tube O.D. of F (with push-in fitting (straight)) and FE (with push-in fitting (elbow)) is ø6.

*4 : The instantaneous max. temperature is the temperature when sparks, cutting chips, etc., instantaneously contact the bellows.

*5 : "I" and "Y" cannot be selected together.

*6 : Refer to Ending Page 85 for custom specifications of rod end form.

*7 : Refer to page 84 for combination of variations/options.

*8 : Up to three switches can be installed. If four or more switches are required, switch mounting brackets for the extra switches must be prepared separately.

*9 : For 20 or 25 bore size, the rod is stainless steel as standard and the rod nut is zinc chromate. If a stainless steel rod nut is necessary, select the "M" option code.

[Example of model No.]

CMK2-Z-00-20-100-T0H-R-VY

Model: Medium bore size cylinder, double acting/built-in speed controller

A Mounting : Basic

B Bore size : ø20 mm

C Port thread : Rc thread

D Stroke : 100 mm

E Switch model No. : Reed T0H switch, lead wire 1 m

F Switch quantity : 1 on rod side

G Option : Boss cutoff

H Accessory : Rod clevis

Code	Description
A Mounting	
00	Basic
LB	Axial foot (Both sides)
LS	Axial foot (One side)
FA	Rod side flange
FB	Head side flange
CA	Eye bracket
CC	Eye bracket integrated
CC1	Eye bracket, bush pressfit
CB	Clevis bracket (pin and split washer pin included)
TA	Rod side trunnion
TB	Head side trunnion

B Bore size (mm)		
20	ø20	*9
25	ø25	*9
32	ø32	
40	ø40	

C Port thread	
Blank	Rc thread
NN	NPT thread (made-to-order product)
GN	G thread (made-to-order product)

D Stroke (mm)		
Bore size	Stroke *2	Bore size
ø20	5 to 750	In 1 mm increments
ø25	5 to 750	
ø32	5 to 750	
ø40	5 to 750	

E Switch model No.					
Axial lead wire	Radial lead wire	Contact	Voltage	Indicator	Lead wire
		AC	DC		
T0H*	T0V*	●	●	1-color LED	2-wire
T5H*	T5V*	●	●	No indicator lamp	
T8H*	T8V*	●	●	1-color LED	
T1H*	T1V*	Reed	●	1-color LED	2-wire
T2H*	T2V*		●		
T3H*	T3V*		●		
T3PH*	T3PV*	Proximity	●	1-color LED	3-wire
T2WH*	T2WV*		●		
T2YH*	T2YV*		●		
T3WH*	T3WV*		●		
T3YH*	T3YV*		●		
T2JH*	T2JV*		●	1-color LED off-delay	2-wire

* Lead wire length	
Blank	1 m (standard)
3	3 m (option)
5	5 m (option)

F Switch quantity	
R	1 on rod side
H	1 on head side
D	2
T	3

G Option			
		Max. ambient temp.	Instantaneous max. temp.
J	Bellows	100°C	200°C
L	Bellows	250°C	400°C
F	With push-in fitting (straight)		
FE	With push-in fitting (elbow)		
M	Piston rod material (stainless steel) *9		
V	Boss cutoff		
P6	Copper and PTFE free (made-to-order product)		

H Accessory	
I	Rod eye
Y	Rod clevis (pin and split washer pin included)
B2	Clevis bracket (pin and snap ring included)

How to order switch

- Switch body + mounting bracket set

CMK2 - **T0H** - **20**

Bore size (Item **B** on page 174)

Switch model No. (Item **E** on page 174)

- Switch body only

SW - **T0H**

Switch model No. (Item **E** on page 174)

- Mounting bracket set

CMK2 - **T** - **20**

Bore size (Item **B** on page 174)

Mounting bracket

How to order mounting bracket

Bore size (mm)		ø20	ø25	ø32	ø40
Mounting bracket					
Basic (00)	*3	M1-00-20	M1-00-30	M1-00-30	M1-00-30
Axial foot (LB/LS)		M1-LB-20	M1-LB-30	M1-LB-30	M1-LB-30
Flange (FA/FB)		M1-FA-20	M1-FA-30	M1-FA-30	M1-FA-30
Trunnion (TA/TB)		M1-TA-20	M1-TA-30	M1-TA-30	M1-TA-40
Eye bracket (CA)		M1-CA-20	M1-CA-30	M1-CA-30	M1-CA-30
Clevis bracket (CB)		M1-CB-20	M1-CB-30	M1-CB-30	M1-CB-30

*1: Regarding mounting brackets, mounting nuts and toothed washers are supplied with the axial foot and flange. The trunnion includes mounting nuts.

2: For axial foot (two-sided), 2 sets of "M1-LB-" in the table above are required.

*3: Mounting nut, toothed washer only. Although 1 set is included with the basic of the product (00), use this when needed.

SCP*3

CMK2

CMA2

SCM

SCG

SCA2

SCS2

CKV2

CAV2/
COVP/N2

SSD2

SSG

SSD

CAT

MDC2

MVC

SMG

MSD/
MSDG

FC*

STK

SRL3

SRG3

SRM3

SRT3

MRL2

MRG2

SM-25

ShkAbs

FJ

FK

Spd
Contr

Ending