

# CMK2-P Series

## How to order

No switch (built-in magnet for switch)

CMK2-P - 00 - 20 - 100 - 25 - F I

With switch (built-in magnet for switch)

CMK2-P - 00 - 20 - 100 - 25 - T0H - D - F I

A Mounting B Bore size  
\*1

C Port thread

D Stroke

E Adjustable stroke range

F Switch model No.

### ⚠ 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 112.

\*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 and 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-P-LB-20-100-25-T0H-D-FI

Model: Medium bore size cylinder, double acting/stroke adjustable (push)

- A Mounting : Axial foot (Both sides)
- B Bore size : ø20 mm
- C Port thread : Rc thread
- D Stroke : 100 mm
- E Adjustable stroke : 25 mm
- F Switch model No. : Reed T0H switch, lead wire 1m
- G Switch quantity : 2
- H Option : With push-in fitting (straight)
- I Accessory : Rod eye

Code	Description
<b>A Mounting</b>	
00	Basic
LB	Axial foot (Both sides)
LS	Axial foot (One side)
FA	Rod side flange
FB	Head side flange
TA	Rod side trunnion
TB	Head side trunnion

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

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

<b>D Stroke (mm)</b>		
Bore size	Stroke *2	Custom stroke
ø20	25 to 450	In 1 mm increments
ø25	25 to 450	
ø32	25 to 430	
ø40	25 to 400	

<b>E Adjustable stroke range (mm)</b>	
25	25
50	50

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

<b>* Lead wire length</b>	
Blank	1 m (standard)
3	3 m (option)
5	5 m (option)

<b>G Switch quantity</b>	
R	1 on rod side
H	1 on head side
D	2
T	3

<b>H Option</b>			
		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
P6	Copper and PTFE free		

<b>I Accessory</b>	
I	Rod eye
Y	Rod clevis (pin and split washer pin included)
B2	Clevis bracket (pin and snap ring included)

G Switch quantity  
\*8

H Option  
\*3, \*4

I Accessory  
\*5

### How to order switch

- Switch body + mounting bracket set

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

Switch model No.  
(Item **F** on page 114)

Bore size (Item **B** on  
page 114)

- Switch body only

**SW** - **T0H**

Switch model No.  
(Item **F** on page 114)

- Mounting bracket set

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

Mounting bracket

Bore size (Item **B** on  
page 114)

### 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

\*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