

CMK2-R Series

How to order

No switch (built-in magnet for switch)

CMK2-R - **00** - **20** - **100** - **25** - **L** **I**

With switch (built-in magnet for switch)

CMK2-R - **00** - **20** - **100** - **25** - **T0H** - **D** - **L** **I**

A Mounting
*1

B Bore size

C Port thread

D Stroke

E Adjustable stroke range

F Switch model No.

G Switch quantity *9

H Option
*3, *4, *5

I Accessory
*6

⚠ 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 118.
- *3 : The max. ambient temperature of bellows of ø25 to ø40 is 100°C (code: J).
- *4 : The compatible tube O.D. of F (with push-in fitting (straight)) and FE (with push-in fitting (elbow)) is ø6.
- *5 : The instantaneous max. temperature is the temperature when sparks and cutting chips, etc., instantaneously contact the bellows.
- *6 : "I" and "Y" cannot be selected together.
- *7 : Refer to Ending Page 85 for custom specifications of rod end form.
- *8 : Refer to page 84 for combination of variations/options.
- *9 : 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.
- *10 : 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-R-00-20-100-25-T0H-D-MI

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

- A** Mounting : Basic
- 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 1 m
- G** Switch quantity : 2
- H** Option : Piston rod material (stainless steel)
- I** Accessory : Rod eye

Code	Description
A Mounting	
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 Bore size (mm)		
20	ø20	*10
25	ø25	*10
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	Custom stroke
ø20	25 to 750	In 1 mm increments
ø25	25 to 750	
ø32	25 to 750	
ø40	25 to 750	

E Adjustable stroke range (mm)	
25	25
50	50

F Switch model No.						
Axial 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*	●	●	1-color LED	2-wire	
T2H*	T2V*	●	●		3-wire	
T3H*	T3V*	●	●		2-wire	
T3PH*	T3PV*	●	●	1-color LED	3-wire	
T2WH*	T2WV*	●	●	2-color LED	2-wire	
T2YH*	T2YV*	●	●		3-wire	
T3WH*	T3WV*	●	●			
T3YH*	T3YV*	●	●	1-color LED off-delay	2-wire	
T2JH*	T2JV*	●	●			

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

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

H 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) *10		
P6	Copper and PTFE free		

I 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**

Switch model No. (Item **F** on page 120)

Bore size (Item **B** on page 120)

- Switch body only

SW - **T0H**

Switch model No.
(Item **F** on page 120)

- Mounting bracket set

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

Mounting bracket

Bore size (Item **B** on page 120)

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