

CMK2-D Series

How to order

No switch (built-in magnet for switch)

CMK2-D - 00 - 20 - 100 - J I

With switch (built-in magnet for switch)

CMK2-D - 00 - 20 - 100 - T0H - R - J I

A Mounting

*1

B Bore size

C Port thread

D Stroke

E Switch model No.

F Switch quantity

*7

G Option

*3, *4

H Accessory

⚠ 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 154.

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

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

*7 : 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.

*8 : 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-D-00-20-100-T0H-R-JI

Model: Medium bore size cylinder, double acting/double rod

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 : Bellows, max. ambient temp. 100°C, instantaneous max. temp. 200°C

H Accessory : Rod eye

Code	Description
A Mounting	
00	Basic
LB	Axial foot (Both sides)
LS	Axial foot (One side)
FA	Rod side flange
TA	Rod side trunnion

B Bore size (mm)		
20	ø20	*8
25	ø25	*8
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	5 to 500	In 1 mm increments
ø25	5 to 500	
ø32	5 to 480	
ø40	5 to 450	

E Switch model No.						
Axial lead wire	Radial lead wire	Contact	Voltage	Indicator	Lead wire	
T0H*	T0V*	Reed	AC DC	1-color LED	2-wire	
T5H*	T5V*			No indicator lamp		
T8H*	T8V*			1-color LED		
T1H*	T1V*	Proximity		1-color LED	2-wire	
T2H*	T2V*					
T3H*	T3V*					
T3PH*	T3PV*			1-color LED	3-wire	
T2WH*	T2WV*					
T2YH*	T2YV*					
T3WH*	T3WV*			2-color LED	2-wire	
T3YH*	T3YV*					
T3JH*	T3JV*					
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) *8		
P6	Copper and PTFE free		

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 156)

Switch model No. (Item E on page 156)

● Switch body only

SW - T0H

Switch model No. (Item E on page 156)

● Mounting bracket set

CMK2 - T - 20

Bore size (Item B on page 156)

Mounting bracket

How to order mounting bracket

Bore size (mm)	ø20	ø25	ø32	ø40
Mounting bracket				
Basic (00)	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)	M1-FA-20	M1-FA-30	M1-FA-30	M1-FA-30
Trunnion (TA)	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