

# CMK2-G2/G3 Series

## How to order

No switch (built-in magnet for switch)

CMK2 - G2 - 00 - 20 - 100 - Y

With switch (built-in magnet for switch)

CMK2 - G2 - 00 - 20 - 100 - T2YLH - R - Y

A Degree of protection level

B Mounting  
\*1

C Bore size

D Port thread

E Stroke

F Switch model No.  
\* indicates the lead wire length.

G Switch quantity  
\*5

H Accessory  
\*3

## ⚠ Precautions for model No. selection

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

\*2 : Refer to page 182 for the min. stroke with switch.

\*3 : "I" and "Y" cannot be selected together.

\*4 : Refer to page 84 for combinations of variations/options.

\*5 : 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.

## [Example of model No.]

**CMK2-G2-FA-32-100-T2YLH-R-Y**

Model: Medium bore size cylinder

A Degree of protection level : Coolant proof scraper + packing NBR

B Mounting : Rod side flange

C Bore size : ø32 mm

D Port thread : Rc thread

E Stroke : 100 mm

F Switch model No. : Proximity switch T2YLH, lead wire 1 m

G Switch quantity : 1 on rod side

H Accessory : Rod clevis

Code	Description
<b>A Degree of protection level</b>	
G2	Coolant proof scraper + packing NBR
G3	Coolant proof scraper + packing FKM

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

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

<b>E Stroke (mm)</b>		
Bore size	Stroke *2	Custom stroke
ø20	5 to 750	In 1 mm increments
ø25	5 to 750	
ø32	5 to 750	
ø40	5 to 750	

<b>F Switch model No.</b>					
Axial lead wire	Radial lead wire	Contact	Voltage	Indicator	Lead wire
T2YLH*	T2YLV*	Proximity	DC	2-color	2-wire
T3YLH*	T3YLV*			LED	3-wire

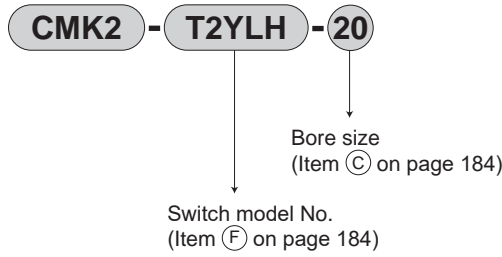
<b>* Lead wire length</b>	
Blank	1 m (standard)
3	3 m (option)
5	5 m (option)

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

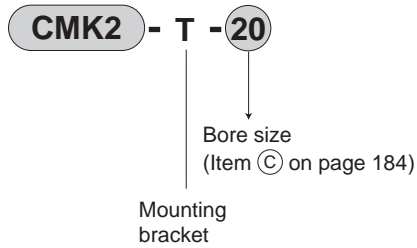
<b>H Accessory</b>	
I	Rod eye
Y	Rod clevis (pin and split washer pin included)
B2	Clevis bracket (pin and snap ring included)

### How to order switch

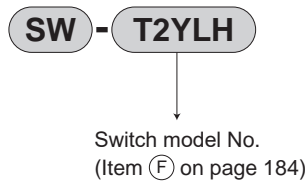
- Switch body + mounting bracket set



- Mounting bracket set



- Switch body only



### How to order mounting bracket

Bore size (mm)	ø20	ø25	ø32	ø40
Mounting bracket				
Basic (00) *4	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 CMK2-G2-40-LS (LB rod side)
Flange (FA/FB)	M1-FA-20	M1-FA-30	M1-FA-30	CMK2-G2-40-FA(FA) M1-FA-30(FB)
Trunnion (TA/TB)	M1-TA-20	M1-TA-30	M1-TA-30	CMK2-G2-40-TA(TA) M1-TA-40(TB)
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: The rod cover nut, LS bracket (LB rod side), FA bracket and TA bracket for ø40 bore size are not the standard.

\*2: Regarding mounting brackets, mounting nuts and toothed washers are supplied with the axial foot and flange. The trunnion includes mounting nuts.

\*3: For axial foot (two-sided), 2 sets of "M1-LB-\*" in the table above are required.

\*4: 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