

SCA2-G1/G4 Series

How to order

No switch (built-in magnet for switch)

SCA2 - G4 - LB - 40 B - 100 - S I

With switch (built-in magnet for switch)

SCA2 - G4 - LB - 40 B - 100 - T2YD - R - S I

With strong magnetic field proof (for H0, H0Y switches) switch (built-in magnet for switch)

SCA2 - G4 L2 - LB - 40 B - 100 - H0Y - R - S I

A Model No.

B Mounting *1

C Bore size

D Cushion

E Stroke

*2

*3

F Switch model No.

*4

G Switch quantity

*5

H Option

*6

I Accessory

*7

⚠ Precautions for model No. selection

- *1 : Mounting bracket will be shipped with the product. (Trunnion are assembled at shipment.)
- *2 : If the stroke exceeds the max. stroke, refer to Ending Page 69.
- *3 : Refer to page 590 for the min. stroke with switch.
- *4 : Switches are shipped with the product.
- *5 : When selecting TA, TD, TB or TE mounting, the switch quantity is limited to "H" (1 on head side) for TA and TD, and "R" (1 on rod side) for TB and TE.
- *6 : When selecting TA, TD, TB or TE mounting format, the cushion needle position is blank and fixed at S, with no options available.
- *7 : "I" and "Y" cannot be selected together.
- *8 : Refer to Ending Page 85 for custom specifications of rod end form.
- *9 : Refer to page 448 for combination of variations/options.

[Example of model No.]

SCA2-G4-LB-40B-100-T2YD-R-S-I

Model: Medium bore size cylinder

- A Model No. : Double acting/anti-spatter adherence
- B Mounting : Axial foot
- C Bore size : ø40 mm
- D Cushion : Both sides cushioned
- E Stroke : 100 mm
- F Switch model No.: Proximity switch T2YD, lead wire 1 m
- G Switch quantity : 1 on rod side
- H Option : Cushion needle position S
- I Accessory : Rod eye

Code	Description
A Model No.	
G1	Double acting/coil scraper
G4	Double acting/anti-spatter adherence

B Mounting	
00	Basic
LB	Axial foot
FA	Rod side flange
FB	Head side flange
FC	Head side special flange
CA	Eye bracket
CB	Clevis bracket
TC	Intermediate trunnion
TA	Rod side trunnion
TB	Head side trunnion
TF	Intermediate supporting hole trunnion (ø40 is not available)
TD	Rod side hole trunnion (ø40 is not available)
TE	Head side hole trunnion (ø40 is not available)

C Bore size (mm)	
40	ø40
50	ø50
63	ø63
80	ø80
100	ø100

D Cushion	
B	Both sides cushioned
R	Rod side cushioned
H	Head side cushioned
N	Without cushion

E Stroke (mm)			
Bore size	Stroke *3	Available stroke	Custom stroke
ø40	1 to 600	1600	In 1 mm increments
ø50	1 to 600	2000	
ø63	1 to 600	2500	
ø80	1 to 700		
ø100	1 to 800		

F Switch model No.				
Grommet	Contact	Voltage	Indicator	Lead wire
T2YD*	AC	DC	2-color LED	2-wire
T2YDT*	AC	DC	(AC magnetic field)	
H0*	DC	DC	Strong magnetic field proof switch, strong magnetic field, 2-color LED	2-wire
H0Y*	DC	DC	Strong magnetic field proof switch, strong magnetic field, 2-color LED	

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

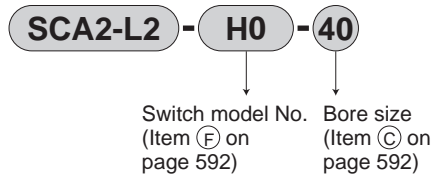
G Switch quantity	
R	1 on rod side
H	1 on head side
D	2
T	3

H Option	
Blank	Cushion needle position R (standard)
S	Cushion needle position S
T	Cushion needle position T

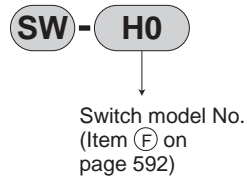
I Accessory	
I	Rod eye
Y	Rod clevis (pin and snap ring included)
B1	Eye bracket
B2	Clevis bracket (pin and snap ring included)
B3	Eye bracket
B4	Trunnion No. 2 bracket (2 pcs./set)

How to order H switch

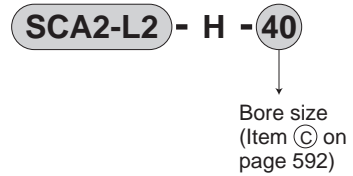
- Switch body + mounting bracket set



- Switch body only

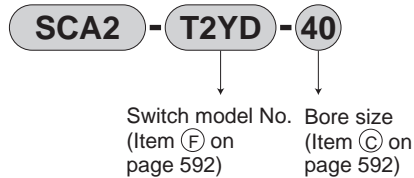


- Mounting bracket set

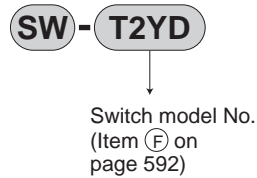


How to order T2YD switch

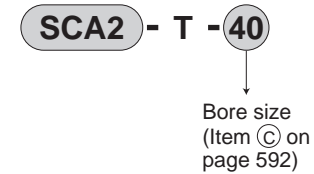
- Switch body + mounting bracket set



- Switch body only



- Mounting bracket set



How to order mounting bracket

Bore size (mm)		ø40	ø50	ø63	ø80	ø100
Mounting bracket						
Foot (LB)	*2	S1-LB-40	S1-LB-50	S1-LB-63	S1-LB-80	S1-LB-100
Flange (FA/FB)		S1-FA-40	S1-FA-50	S1-FA-63	S1-FA-80	S1-FA-100
Eye bracket (CA)		S1-CA-40	S1-CA-50	S1-CA-63	S1-CA-80	S1-CA-100
Clevis bracket (CB)		S1-CB-40	S1-CB-50	S1-CB-63	S1-CB-80	S1-CB-100

*1 : For material of the mounting bracket, refer to page 456.

*2 : The foot mounting bracket is provided as 2 pcs./set.

*3 : All mounting brackets are supplied with mounting bolts.

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