

SCM-R Series

How to order

No switch (built-in magnet for switch)

SCM-R - LB - 40 - D - 100 - 25 - J I

With switch (built-in magnet for switch)

SCM-R - LB - 40 - D - 100 - 25 - T0H - D - J I

A Mounting
*1

B Bore size

C Port thread

D Cushion

E Stroke

F Adjustable stroke range

G Switch model No.

*3

*4

H Switch quantity

I Switch mounting

J Option

*5

*7

K Accessory

*8

⚠ Precautions for model No. selection

*1 : A mounting bracket will be shipped with the product if LB, FB or TB is selected. FA/TA is shipped with the product.

*2 : Refer to page 272 for the number of installed switches and the min. stroke.

*3 : Switches other than G Switch model No. are also available. (Made to order)
Refer to Ending Page 1 for details.

*4 : T8H/V switches cannot be mounted when the bore size is from ø20 to ø40 and the switch mounting style is the rail.

*5 : The instantaneous max. temperature is the temperature when sparks, cutting chips, etc., instantaneously contact the bellows.

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

*7 : "Q" (switch rail enclosed at shipment) is not available for the "Z" switch mounting.

*8 : "I" and "Y" cannot be selected together.

*9 : Switches are shipped with the product. Contact CKD if assembling before shipment is necessary.

[Example of model No.]

SCM-R-LB-40D-100-25-T0H-D-JI

Model: Round shaped cylinder, double acting/stroke adjustable (pull)

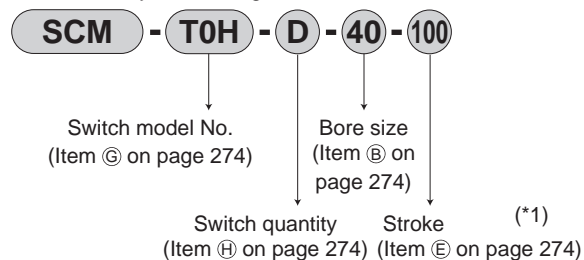
A Mounting	: Axial foot
B Bore size	: ø40 mm
C Port thread	: Rc thread
D Cushion	: With two-sided rubber cushion
E Stroke	: 100 mm
F Adjustable stroke range	: 25 mm
G Switch model No.	: Reed T0H switch, lead wire 1 m
H Switch quantity	: 2
I Switch mounting	: Rail method
J Option	: Bellows material for max. ambient temperature 100°C
K Accessory	: Rod eye

Code	Description				
A Mounting					
00	Basic				
LB	Axial foot				
FA	Rod side flange				
TA	Rod side trunnion				
TB	Head side trunnion				
B Bore size (mm)					
20	ø20				
25	ø25				
32	ø32				
40	ø40				
50	ø50				
63	ø63				
C Port thread					
Blank	Rc thread				
N	NPT thread (made-to-order product)				
G	G thread (made-to-order product)				
D Cushion					
D	With two-sided rubber cushion				
E Stroke (mm)					
Bore size	Stroke *2	Custom stroke			
ø20 to ø32	10 to 1000	In 1 mm increments			
ø40 to ø63	10 to 1500				
F Adjustable stroke range (mm)					
25	25				
50	50				
G Switch model No.					
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*	Proximity	● ●	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*		● ●		
T2YD*	-		● ●	2-color LED AC magnetic field	2-wire
T2YDT*	-		● ●		
T2JH*	T2JV*		● ●	1-color LED off-delay	2-wire
* Lead wire length					
Blank	1 m (standard)				
3	3 m (option)				
5	5 m (option)				
H Switch quantity					
R	1 on rod side				
H	1 on head side				
D	2				
T	3				
4	4 (when there are more than 4 switches, indicate switch quantity.)				
I Switch mounting					
Blank	Rail method				
Z	Band method				
J Option					
		Max. ambient temp.	Instantaneous max. temp.		
J	Bellows	100°C	200°C		
L	Bellows	250°C	400°C		
Q	Switch rail included at shipment				
M	Piston rod material (stainless steel)				
P6	Copper and PTFE free				
K Accessory					
I	Rod eye				
Y	Rod clevis (pin and snap ring included)				
B2	Clevis bracket				

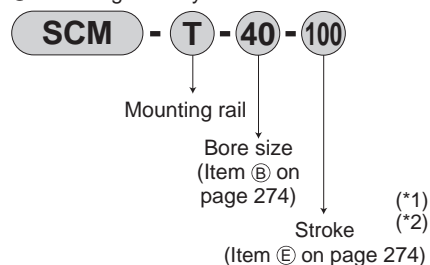
How to order switch

[Switch mounting: Rail]

- Switch body + mounting rail set



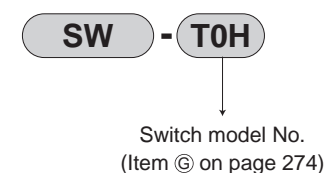
- Mounting rail only



*1: Indicate X if the stroke exceeds 300 mm.
If exceeding 300 mm, a short rail (with 100 mm switch adjustment length) will be included per switch.

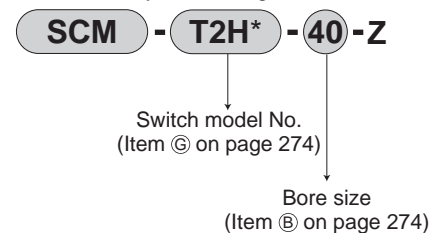
*2: If indicating X when ordering mounting rails only, order the same number of rails as that of applicable switches.

[Switch body only]

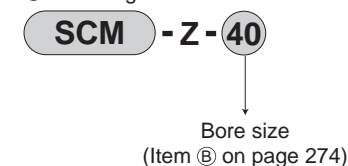


[Switch mounting: Band]

- Switch body + mounting bracket set + band



- Mounting bracket set + band



How to order mounting bracket

Bore size (mm)	ø20	ø25	ø32	ø40	ø50	ø63
Mounting bracket						
Foot (LB)	SCM-LB-20	SCM-LB-25	SCM-LB-32	SCM-LB-40	SCM-LB-50	SCM-LB-63
Flange (FA/FB)	SCM-FA-20	SCM-FA-25	SCM-FA-32	SCM-FA-40	SCM-FA-50	SCM-FA-63
Trunnion (TA/TB)	SCM-TA-20	SCM-TA-25	SCM-TA-32	SCM-TA-40	SCM-TA-50	SCM-TA-63

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

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

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