

How to order

No switch (built-in magnet for switch)

SCM-U-LB-40-D-100-M-I

With switch (built-in magnet for switch)

SCM-U-LB-40-D-100-T2H-D-M-I

A Mounting

Rubber cushion

B Bore size

C Port thread

D Stroke

E Switch model No.

*3

*4

F Switch quantity

G Switch mounting

H Option

*6

I Accessory

*7

⚠ Precautions for model No. selection

*1 : Mounting bracket will be shipped with the product.

*2: Refer to page 302 for the number of installed switches and the min. stroke.

*3: Switches other than **E** 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: Refer to Ending Page 85 for custom specifications of rod end form.

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

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

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

[Example of model No.]

SCM-U-LB-40D-100-T2H-D-M-I

Model: Round shaped cylinder, double acting/low friction

A Mounting : Axial foot

B Bore size : ø40 mm

C Port thread : Rc thread

D Stroke : 100 mm

E Switch model No. : Proximity T2H switch, lead wire 1 m

F Switch quantity : 2

G Switch mounting : Rail

H Option : Piston rod material/stainless steel

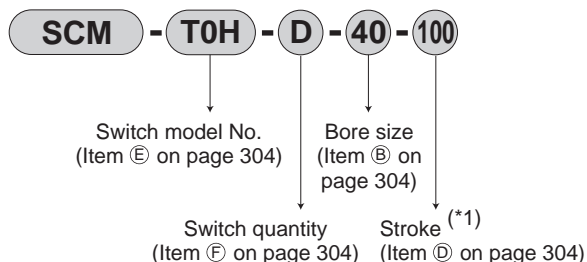
I Accessory : Rod eye

Code	Description								
A Mounting									
Bore size (ø)		20	25	32	40	50	63	80	100
00	Basic	●	●	●	●	●	●	●	●
LB	Axial foot	●	●	●	●	●	●	●	●
FA	Rod side flange	●	●	●	●	●	●	●	●
FB	Head side flange	●	●	●	●	●	●	●	●
CA	Eye bracket	●	●	●	●	●	●		
CB	Clevis bracket (pin and snap ring incl.)							●	●
TA	Rod side trunnion	●	●	●	●	●	●		
TB	Head side trunnion	●	●	●	●	●	●		
B Bore size (mm)									
20	ø20								
25	ø25								
32	ø32								
40	ø40								
50	ø50								
63	ø63								
80	ø80								
100	ø100								
C Port thread									
Blank	Rc thread								
N	NPT thread (made-to-order product)								
G	G thread (made-to-order product)								
D Stroke (mm)									
Bore size		Stroke *2		Custom stroke					
ø20 to ø32		10 to 1000		In 1 mm increments					
ø40 to ø100		10 to 1500							
E Switch model No.									
Axial lead wire	Radial lead wire	Contact	Voltage		Indicator	Lead wire			
			AC	DC					
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*			●					
T3PH*	T3PV*			●	1-color LED	3-wire			
T2WH*	T2WV*			●	2-color LED		2-wire		
T2YH*	T2YV*			●					
T3WH*	T3WV*			●		3-wire			
T3YH*	T3YV*			●					
T2YD*	-			●	2-color LED	2-wire			
T2YDT*	-			●	for AC magnetic field				
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								
4	4 (when there are more than 4 switches, indicate switch quantity.)								
G Switch mounting									
Blank	Rail method								
Z	Band method								
H Option									
Q	Switch rail included at shipment								
M	Piston rod material (stainless steel)								
I Accessory									
Bore size (ø)		20	25	32	40	50	63	80	100
I	Rod eye	●	●	●	●	●	●	●	●
Y	Rod clevis (pin and snap ring included)	●	●	●	●	●	●	●	●
B1	Eye bracket							●	●
B2	Clevis bracket	●	●	●	●	●	●		

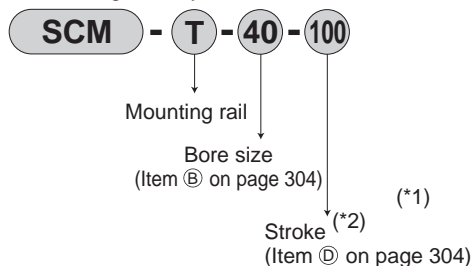
How to order switch

[Switch mounting: Rail]

- Switch body + mounting rail set



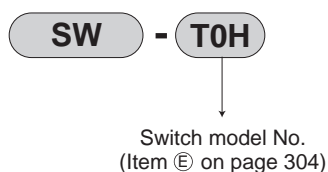
- Mounting rail only



*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.

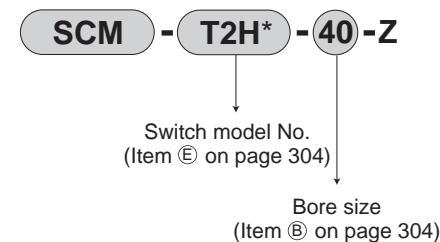
*2: If indicating X when ordering mounting rails only, order the same number of rails as that of applicable switches.

[Switch body only]

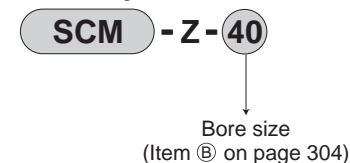


[Switch mounting: Band]

- Switch body + mounting bracket set + band



- Mounting bracket set + band



How to order mounting bracket

Bore size (mm)	ø20	ø25	ø32	ø40	ø50	ø63	ø80	ø100
Mounting bracket								
Foot (LB)	SCM-LB-20	SCM-LB-25	SCM-LB-32	SCM-LB-40	SCM-LB-50	SCM-LB-63	SCM-LB-80	SCM-LB-100
Flange (FA/FB)	SCM-FA-20	SCM-FA-25	SCM-FA-32	SCM-FA-40	SCM-FA-50	SCM-FA-63	SCM-FA-80	SCM-FA-100
Eye bracket (CA)	SCM-CA-20	SCM-CA-25	SCM-CA-32	SCM-CA-40	SCM-CA-50	SCM-CA-63	-	-
Clevis bracket (CB)	-	-	-	-	-	-	SCM-CB-80	SCM-CB-100
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.

Dimensions

Same as SCM Series (double acting/single rod). Refer to pages 238 to 251.

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