

# FCD Series

## How to order

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

No switch (without magnet for switch)

**FCD** - **25** - **10** - **N**

With switch (built-in magnet for switch)

**FCD-L** - **25** - **10** - **M2V** - **R** - **N****A** Model No.**B** Bore size**C** Port thread**D** Stroke**E** Switch model No.

\* indicates the lead wire length.

**F** Switch quantity**G** Option  
\*2

### ⚠ Precautions for model No. selection

\*1 : Refer to page 1488 for the min. stroke with switch.

\*2 : Dimensions of copper and PTFE free "P6" are the same as those of the standard.

### [Example of model No.]

**FCD-L-25-10-M2V-R-M**

Model: Flat compact cylinder

- A** Model No. : Double acting/with switch
- B** Bore size :  $\varnothing 25$  mm
- C** Port thread : Rc thread
- D** Stroke : 10 mm
- E** Switch model No. : Proximity switch M2V
- F** Switch quantity : 1 on rod side
- G** Option : Piston rod material (stainless steel)

Code		Description			
<b>A</b> Model No.					
<b>FCD</b>		Double acting			
<b>FCD-L</b>		Double acting/with switch			
<b>B</b> Bore size (mm)					
25		$\varnothing 25$			
32		$\varnothing 32$			
40		$\varnothing 40$			
50		$\varnothing 50$			
63		$\varnothing 63$			
<b>C</b> Port thread					
Blank		Rc thread			
NN		NPT thread ( $\varnothing 40$ or more) (made-to-order product)			
GN		G thread ( $\varnothing 40$ or more) (made-to-order product)			
<b>D</b> Stroke (mm)					
Bore size		Stroke *1		Custom stroke	
$\varnothing 25$ to $\varnothing 63$		1 to 50		In 1 mm increments	
<b>E</b> Switch model No.					
Radial lead wire		Contact	Voltage		
M2V*			AC	DC	
M2WV*		Proximity	●	2-color LED	
M3V*			●	1-color LED	
M3WV*			●	2-color LED	
M3PV*			●	1-color LED (made to order)	
M0V*		Reed	●	1-color LED	
M5V*			●	No indicator lamp	
<b>F</b> Lead wire length					
Blank		1 m (standard)			
3		3 m (option)			
5		5 m (option)			
<b>F</b> Switch quantity					
R		1 on rod side			
H		1 on head side			
D		2			
T		3			
<b>G</b> Option					
Blank		Rod end female thread			
M		Piston rod material (stainless steel)			
N		Rod end male thread			
R		With spigot			
P6		Copper and PTFE free (copper-based/Teflon-based material is not used)			

## How to order switch

- Switch body + mounting bracket set

**FCS** - **M2V**

Switch model No.  
(Item ⑤ on page 1490)

- Switch body only

**SW** - **M2V**

Switch model No.  
(Item ⑤ on page 1490)

- Mounting bracket set

**FCS** - **M**

Mounting bracket

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SCM

SCG

SCA2

SCS2

CKV2

CAV2/  
COVP/N2

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SSG

SSD

CAT

MDC2

MVC

SMG

MSD/  
MSDG**FC\***

STK

SRL3

SRG3

SRM3

SRT3

MRL2

MRG2

SM-25

ShkAbs

FJ

FK

Spd  
Contr

Ending