

# MDC2-X Series

## How to order

- No switch (without magnet for switch)

**MDC2-X** - **6** - **4**

- With switch (built-in magnet for switch)

**MDC2-XL** - **6** - **4** - **F2V** - **R**

**A** Model No.

**B** Bore size

**C** Stroke

**D** Switch model No. \*1  
\*2  
\*3  
\*4

### ⚠ Precautions for model No. selection

\*1 : Ø4 with switch is not available.

\*2 : For MDC2 with reed switch, the cylinder cannot be mounted on a magnetic substance (iron plate, etc.). This could lead to switch detection malfunction.

\*3 : When using MDC2-XL or YL-6 with reed switch, use the non-magnetic bolt (stainless steel hexagon socket head cap screw, etc.) for cylinder mounting bolt.

### [Example of model No.]

**MDC2-XL-6-4-F2V-R**

Model: Compact direct mounting cylinder

**A** Model No. : Single acting/push/with switch

**B** Bore size : Ø6 mm

**C** Stroke : 4 mm

**D** Switch model No.: Proximity switch F2V, lead wire 1 m

**E** Switch quantity : 1 on rod side

Code		Description			
<b>A</b> Model No.					
<b>MDC2-X</b>		Single acting/push			No switch
<b>MDC2-Y</b>		Single acting/pull			
<b>MDC2-XL</b>		Single acting/push			With switch
<b>MDC2-YL</b>		Single acting/pull			
<b>B</b> Bore size					
4		Ø4			
6		Ø6			
8		Ø8			
10		Ø10			
<b>C</b> Stroke (mm)					
3		3 (Ø4)			
4		4 (Ø6 to Ø10)			
6		6 (Ø4 to Ø10)			
8		8 (Ø6, Ø8)			
10		10 (Ø10)			
<b>D</b> Switch model No.					
Axial lead wire	Radial lead wire	Contact	Voltage	Indicator	Lead wire
		Reed	AC DC		
<b>F0H*</b>	<b>F0V*</b>			●	
-	<b>F2S*</b>			●	2-wire
<b>F2H*</b>	<b>F2V*</b>			●	1-color LED
-	<b>F3S*</b>			●	
<b>F3H*</b>	<b>F3V*</b>			●	3-wire
<b>F3PH*</b>	<b>F3PV*</b>			●	1-color LED (PNP output) (Made to order)
<b>F2YH*</b>	<b>F2YV*</b>			●	2-wire
<b>F3YH*</b>	<b>F3YV*</b>			●	2-color LED
					3-wire
<b>* Lead wire length</b>					
Blank		1 m (standard)			
3		3 m (option)			
<b>E</b> Switch quantity					
<b>R</b>		1 on rod side			
<b>H</b>		1 on head side			
<b>D</b>		2			

## How to order switch

**SW** - **F0H**

Switch model No.  
(Item **D** above)

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