

# MDC2-X<sub>-Y</sub> 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.

**E** Switch quantity

## [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	
A Model No.		
MDC2-X	Single acting/push	No switch
MDC2-Y	Single acting/pull	
MDC2-XL	Single acting/push	With switch
MDC2-YL	Single acting/pull	

<b>B Bore size</b>	
<b>4</b>	ø4
<b>6</b>	ø6
<b>8</b>	ø8
<b>10</b>	ø10

<b>C Stroke (mm)</b>	
<b>3</b>	3 (ø4)
<b>4</b>	4 (ø6 to ø10)
<b>6</b>	6 (ø4 to ø10)
<b>8</b>	8 (ø6, ø8)
<b>10</b>	10 (ø10)

<b>D Switch model No.</b>						
Axial lead wire	Radial lead wire	Contact	Voltage		Indicator	Lead wire
			AC	DC		
<b>F0H*</b>	<b>F0V*</b>	Reed		●	1-color LED	2-wire
-	<b>F2S*</b>			●		
<b>F2H*</b>	<b>F2V*</b>			●		
-	<b>F3S*</b>	Proximity		●	1-color LED (PNP output) (Made to order)	3-wire
<b>F3H*</b>	<b>F3V*</b>			●		
<b>F3PH*</b>	<b>F3PV*</b>			●	2-color LED	2-wire
<b>F2YH*</b>	<b>F2YV*</b>			●		
<b>F3YH*</b>	<b>F3YV*</b>			●		3-wire

<b>* Lead wire length</b>	
<b>Blank</b>	1 m (standard)
<b>3</b>	3 m (option)

<b>E Switch quantity</b>	
<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)