

# Mechanically Jointed Hy-rodless Cylinder with Brake

# ML1C Series

∅25, ∅32, ∅40

## How to Order

Hy-rodless cylinder  
(With brake)

ML1C 25 G - 300 H - M5BW - [ ] - [ ]

Bore size (mm)

25	25 mm
32	32 mm
40	40 mm

Cylinder stroke

Bore size (mm)	Standard stroke (mm)*	Maximum manufacturable stroke (mm)
25	100, 200, 300, 400, 500, 600, 700, 800, 900, 1000	2000
32	100, 200, 300, 400, 500, 600, 700, 800, 900, 1000	2000
40	100, 200, 300, 400, 500, 600, 700, 800, 900, 1000	2000

\* When stroke is required, which is longer than the standard stroke, refer to the "Made to Order Specifications" for long stroke type (XB11).

Made to Order

Refer to page 1109 for details.

Number of auto switches

NII	2 pcs.
S	1 pc.
n	"n" pcs.

Auto switch

NII Without auto switch (Built-in magnet)

\* For the applicable auto switch model, refer to the table below.

\* Auto switches are shipped together (not assembled).

Stroke adjustment unit symbol

Refer to page 1109 for stroke adjustment unit.

## Applicable Auto Switches/Refer to pages 1119 to 1245 for further information on auto switches.

Type	Special function	Electrical entry	Indicator light	Wiring (Output)	Load voltage		Auto switch model	Lead wire length (m)**			Pre-wired connector	Applicable load		
					DC	AC		0.5 (Nil)	3 (L)	5 (Z)				
Solid state auto switch	—	Grommet	Yes	3-wire (NPN)	24 V	5 V, 12 V	—	M5N	●	●	●	○	IC circuit	Relay, PLC
				3-wire (PNP)				M5P	●	●	●	○	IC circuit	
				2-wire				M5B	●	●	●	○	—	
	Diagnostic indication (2-color indicator)			3-wire (NPN)	M5NW	●	●	●	○	IC circuit				
				3-wire (PNP)	M5PW	●	●	●	○	IC circuit				
				2-wire	M5BW	●	●	●	○	—				
				3-wire (NPN)	M5NT	—	●	●	○	IC circuit				
With timer	3-wire (PNP)	M5PT	—	●	●	○	IC circuit							
	—	Grommet	Yes	3-wire (NPN equivalent)	24 V	5 V	—	E76A	●	●	—	—	IC circuit	—
				2-wire				E73A	●	●	—	—	—	
				E80A				●	●	—	—	IC circuit		

\* Lead wire length symbols: 0.5 m.....Nil (Example) M5BW  
3 m.....L (Example) M5BWL  
5 m.....Z (Example) M5BWZ

\* Solid state auto switches marked with "○" are produced upon receipt of order.

\* For details about auto switches with pre-wired connector, refer to pages 1192 and 1193.

\* Auto switches are shipped together (not assembled). (For details about auto switch mounting, etc., refer to page 1116.)