Platform Cylinder
Series CXT
ø12, ø16, ø20, ø25, ø32, ø40

How to Order

Port thread type

Nil	M thread	ø12 to ø25
	Rc	
TN	NPT	ø32, ø40
TF	G	

CXT M 20 □ – 100 B – M9BW □ – □

Platform cylinder

Bearing type

M	Slide bearing
L	Ball bushing bearing

Bore size/Stroke (mm)

Bore size (mm)	Stroke (mm) 15	25	50	75	100	125	150	175	200	250	300
12	●	●	○	○	○	○	○	○	○	○	○
16	●	●	○	○	○	○	○	○	○	○	○
20		●	●	○	○	○	○	○	○	○	○
25		●	●	○	○	○	○	○	○	○	○
32		●	●	●	○	○	○	○	○	○	○
40		●	●	●	○	○	○	○	○	○	○

● ·····Standard stroke ○ ·····Long stroke

∗ For minimum strokes for auto switch equipped style, refer to page 530.

Auto switch

Nil	Without auto switch (Built-in magnet)

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

Option

Nil	Adjusting bolt with bumper only (Standard)
B	With 2 shock absorbers (Set on the driving cylinder side only when packed.)
BS	With 1 shock absorber (Set on the driving cylinder side when packed.)

Number of auto switches

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

Made to Order
Refer to page 525 for details.

Applicable Auto Switch/Refer to pages 1719 to 1827 for further information on auto switches.

Type	Special function	Electrical entry		Wiring (Output)	Load voltage DC		Load voltage AC	Auto switch part no. Perpendicular ø12 to ø25	Perpendicular ø32, ø40	In-line ø12 to ø25	In-line ø32, ø40	Lead wire length (m) 0.5 (Nil)	1 (M)	3 (L)	5 (Z)	None (N)	Pre-wired connector	Applicable load	
Solid state switch	—	Grommet	Yes	3-wire (NPN)	24V	5V, 12V	—	M9NV		M9N		●	●	●	○	—	○	IC circuit	Relay, PLC
				3-wire (PNP)				M9PV		M9P		●	●	●	○	—	○		
				2-wire		12V		M9BV		M9B		●	●	●	○	—	○	—	
		Connector						—	J79C	—		●	—	●	●	●	—		
	Diagnostic indication (2-color indication)	Grommet		3-wire (NPN)		5V, 12V		M9NWV		M9NW		●	●	●	○	—	○	IC circuit	
				3-wire (PNP)				M9PWV		M9PW		●	●	●	○	—	○		
				2-wire		12V		M9BWV		M9BW		●	●	●	○	—	○	—	
	Water resistant (2-color indication)			3-wire (NPN)		5V, 12V		M9NAV		M9NA		○	○	●	○	—	○	IC circuit	
				3-wire (PNP)				M9PAV		M9PA		○	○	●	○	—	○		
				2-wire		12V		M9BAV		M9BA		○	○	●	○	—	○	—	
	With diagnostic output (2-color indication)			4-wire		5V,12V		—		—	F79F	●	—	●	○	—	○	IC circuit	
Reed switch	—	Grommet	Yes	3-wire (NPN equivalent)	—	5V	—	A96V		A96		●	—	●	—	—	—	IC circuit	—
				2-wire		—	200V	—	A72	—	A72H	●	—	●	—	—	—	—	Relay, PLC
			No		24V	12V	100V	A93V		A93		●	—	●	—	—	—		
			No			5V,12V	100 V or less	A90V		A90		●	—	●	—	—	—	IC circuit	
		Connector	Yes			12V	—	—	A73C	—		●	—	●	●	●	—	—	
			No			5V,12V	24 V or less	—	A80C	—		●	—	●	●	●	—	IC circuit	
	Diagnostic indication (2-color indication)	Grommet	Yes			—	—	—	A79W	—		●	—	●	—	—	—	—	

∗ Lead wire length symbols: 0.5 m ····· Nil (Example) M9NW
1 m ····· M (Example) M9NWM
3 m ····· L (Example) M9NWL
5 m ····· Z (Example) M9NWZ
None ····· N (Example) J79CN

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

∗ Since there are other applicable auto switches than listed, refer to page 532 for details.
∗ For details about auto switches with pre-wired connector, refer to pages 1784 and 1785.
∗ When D-A9□/M9□ types with ø32 to ø40 are mounted on a side other than the port side, order auto switch mounting brackets separately. Refer to page 532 for details.