RoHS

How to Order

Port thread type

Symbol	Type	Bore size
Nil	M thread	ø6 to ø16
	Rc	ø20, ø25
TN	NPT	ø20, ø25
TF	G	ø20, ø25

Clean series

13	Vacuum suction type (Special treatment on guide)

13 — MXQ 12 □ □ — 50 □ □ — M9N □

22 — MXQ 12 □ □ — 50 □ □ — M9N □

Copper, fluorine and silicone-free + Low particle generation

22	Vacuum suction type

Number of auto switches

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

Symmetric type

Nil	Standard
L	Symmetric

Auto switch

Nil	Without auto switch (Built-in magnet)

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

Bore size/Stroke (mm)

6	10, 20, 30, 40, 50
8	10, 20, 30, 40, 50, 75
12	10, 20, 30, 40, 50, 75, 100
16	10, 20, 30, 40, 50, 75, 100, 125
20	10, 20, 30, 40, 50, 75, 100, 125, 150
25	10, 20, 30, 40, 50, 75, 100, 125, 150

Adjuster option

Nil	Without adjuster
AS	Extension end adjuster
AT	Retraction end adjuster
A	Both ends adjuster
CS	Extension end metal stopper
CT	Retraction end metal stopper
C	Both ends metal stopper
ASCT	Extension end adjuster + Retraction end metal stopper
CSAT	Extension end metal stopper + Retraction end adjuster

Functional option

Nil	Standard
P Note)	Axial piping

Note) The combination of axial piping and both ends adjusters or retraction end adjuster is not available.

Auto Switch Specifications (Refer to the WEB catalog for detailed specifications and auto switches not in the following table.)

Type	Special function	Electrical entry	Indicator light	Wiring (Output)	Load voltage DC		Load voltage AC	Auto switch model	Lead wire length (m) * 0.5 (Nil)	1 (M)	3 (L)	5 (Z)	Applicable load	
								Electrical entry direction In-line						
Reed auto switch	—	Grommet	Yes	2-wire	24 V	12 V	100 V	A93	●	—	●	—	—	Relay, PLC
Solid state auto switch	—	Grommet	Yes	3-wire (NPN)	24 V	12 V	—	M9N	●	●	●	○	—	Relay, PLC
				2-wire		12 V		M9B	●	●	●	○	—	

* Lead wire length symbols: 0.5 m..... Nil (Example) M9N
1 m..... M (Example) M9NM
3 m..... L (Example) M9NL
5 m..... Z (Example) M9NZ

PLC: Programmable Logic Controller

Refer to page 889 for the applicable auto switch list.