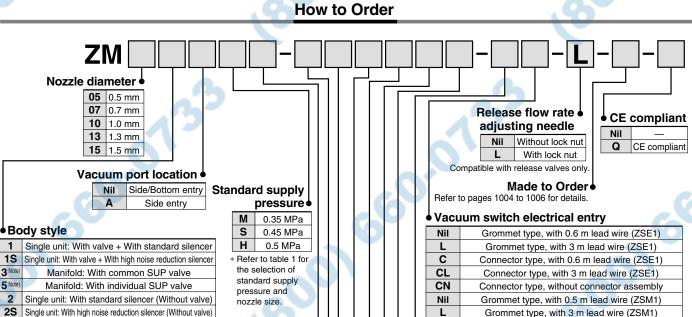
# Vacuum Ejector With Valve and Switch Series ZM

Note) CE compliant: For DC only.



Manifold: Without individual SUP valve Note) When the product is used for the manifold, the exhaust air of the operating ejector may enter the vacuum (V) port of the nonoperating ejector and be released if there are an operating and non-operating ejector. If this becomes a problem, consider using a double check valve (-X107 on page 1004) or individual exhaust (-X111 on page 1005.)

Manifold: Without common SUP valve

# Note) G thread

Nil

F

The thread ridge shape is compatible with the G thread standard (JIS B0202), but other shapes are not conforming to ISO16030 and ISO1179.

Thread type

Rc

NPTF

G Note)

# Supply valve/Release valve combination

J	Supply valve (N.C.)		
K	Supply valve (N.C.), and release valve		
Α	Supply valve (N.O.)		
В	Supply valve (N.O.), and release valve		
P3	Air operated valve (supply valve), Port size connection M3 x 0.5		
P5	Air operated valve (supply valve), Port size connection M5 x 0.8		
Q3	Air operated valve (supply/release valve), Port size connection M3 x 0.5		
Q5	Air operated valve (supply/release valve), Port size connection M5 x 0.8		
Nil	Without valve		

As the double solenoid specifications, -X126 and -X135 are available as a special order. (Refer to page 1006.)

When selecting air operated valves, there will be no symbol specified for "pilot valves", "solenoid valve rated voltage", "electrical entry", "light/surge voltage suppressor" and "manual override"

#### Pilot valve

Nil	DC: 1 W (With indicator light: 1.05 W)
Υ	DC: 0.45 W (With indicator light: 0.5 W)

Solenoid valve rated voltage

\* Only 24 VDC and 12 VDC are applicable to 0.45 W.

		CE compliant	
	1 Note)	100 VAC 50/60 Hz	
	3 Note)	110 VAC 50/60 Hz	
	<b>5</b>	24 VDC	•
I	6	12 VDC	•
	٧	6 VDC	•
ĺ	S	5 VDC	•
	R	3 VDC	•
	Nil	Air operated/Without valve	

Note) CE compliant products are not available for "1" and "3".

### Vacuum switch model

Nil	Without switch		
E14	1 output, without analog output, 3 rotation setting (ZSE1)		
E15	1 output, without analog output, 200° setting (ZSE1)		
E16	2 outputs, without analog output, 3 rotation setting (ZSE1)		
E17	2 outputs, without analog output, 200° setting (ZSE1)		
E18	1 output, analog output, 3 rotation setting (ZSE1)		
E19	1 output, analog output, 200° setting (ZSE1)		
E55	1 output, without analog output, 200° setting, PNP output (ZSE		
M15	3//		
M21			

# Manual override

1	Nil	Non-locking push type
	В	Locking slotted type

## Light/Surge voltage suppressor

	<u> </u>
Nil	None
Z	With light/surge voltage suppressor
S	With surge voltage suppressor

S is not available for AC.

DC voltage (with surge voltage suppressor) If the polarity is incorrect at DC (surge voltage suppressor), diode or switching element may be damaged.

## Electrical entry

G	Grommet type, with 0.3 m lead wire (applicable to DC)		
Н	Grommet type, with 0.6 m lead wire (applicable to DC)		
L	L plug connector, with 0.3 m lead wire		
LN	L plug connector, without lead wire (applicable to DC)		
LO	L plug connector, without connector (applicable to DC)		
Nil	Nil Air operated/Without valve		

Combination of Nozzle Diameter and Standard Supply Pressure				
Nozzle Standard supply pres			rd supply pressu	re MPa
diamete	er	<b>M</b> (0.35)	<b>S</b> (0.45)	<b>H</b> (0.5)
0.5 mn	n	-	_	0
0.7 mn	n	0	_	0
1.0 mn	n	0	_	0
1.3 mn	n	0	0	0
1.5 mn	n		0	-(0

