

Large Size Vacuum Module: Ejector System ZR Series



[Option]
Note) CE-compliant:
For DC only.

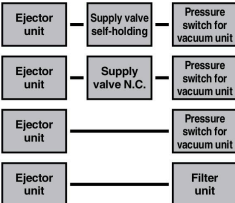


How to Order

Note for model selection

Take function plates into consideration. (Refer to page 137.)

Components



Ejector module nozzle diameter

10	1.0	18	1.8
13	1.3	20	2.0
15	1.5		

Maximum vacuum pressure

S	-84 kPa
L	-53 kPa

Ejector exhaust

Symbol	Type	Valve	Manifold
1	Built-in silencer	●	●
2	Port exhaust	●	●
3	Common exhaust	—	●

Combination of supply valve and release valve

Refer to "Table (1)" on page 135 for details.

Note 1) When port exhaust is applied to the manifold, pilot exhaust is done by common exhaust. Thus, the exhaust port on the manifold base should be open while operating.

Note 2) When the product is used for the manifold specification and common exhaust, the exhaust air of the operating ejector releases may enter the vacuum (V) port of the non-operating ejector and be released if there are an operating and non-operating ejector. Select either the built-in silencer or port exhaust for the ejector exhaust method.

Solenoid valve rated voltage

Nil (Note)	Air operated	CE-compliant
5	24 VDC	●
6	12 VDC	●
V	6 VDC	●
S	5 VDC	●
R	3 VDC	●
D1 (Note)	100 VAC (50/60 Hz)	—
D2 (Note)	110 VAC (50/60 Hz)	—

Note) Air operated, 100 VAC, and 110 VAC type are not CE-compliant.

Electrical entry

Nil	Air operated
L	L plug connector
LN	Lead wire length 0.3 m
LO	Without lead wire
M	M plug connector
MM	Lead wire length 0.3 m
MO	Without lead wire
G	Grommet type
GH	Lead wire length 0.3 m (Applicable to only DC)
H	Lead wire length 0.6 m (Applicable to only DC)

Refer to "Table (2)" on page 135 for part no. of lead wire with connector.

Light/Surge voltage suppressor

Nil	None
Z	With light/surge voltage suppressor
S	With surge voltage suppressor

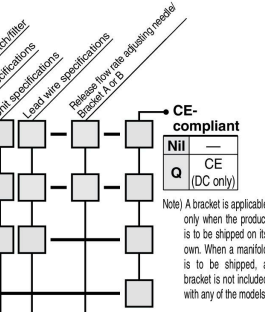
* S is not available for AC.
DC voltage (with surge voltage suppressor)
If the polarity is incorrect at DC (surge voltage suppressor), diode or switching element may be damaged.

Manual override

Nil	Non-locking push type
B	Slotted locking type

Combination of switch/filter

Nil	None
D	Digital pressure switch for vacuum (ZSE30A) + Filter
E	Pressure switch for vacuum (ZSE2) + Filter
F	Filter



Note) A bracket is applicable only when the product is to be shipped on its own. When a manifold is to be shipped, a bracket is not included with any of the models.

	Lock nut	Bracket A or B
Nil	×	●
L	●	●
M	●	×
N	×	×

● : Attached (Bracket A or B is shipped together.)
× : None

Lead wire specifications

Digital pressure switch for vacuum (ZSE30A) specifications (D)

Nil	Without lead wire
L	Lead wire with connector (Length 2 m)

Refer to "Table (4)" on page 135 for part no. of lead wire with connector.

Pressure switch for vacuum (ZSE2) specifications (E)

Nil	Grommet/Lead wire (Length 0.6 m)
L	Grommet/Lead wire (Length 3 m)
C	Lead wire with connector (Length 0.6 m)
CL	Lead wire with connector (Length 3 m)
CN	Without lead wire with connector

Refer to "Table (3)" on page 135 for part no. of lead wire with connector.

Filter specifications (F)

Nil	No setting
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Unit specifications

Digital pressure switch for vacuum (ZSE30A) specifications (D)

Nil	With unit switching function
M	SI unit only
P	With unit switching function (Initial value psi)

Note 1) This is no longer sold for use in Japan due to the Weight and Measure Act (implemented October, 1999).
Note 2) Fixed unit: kPa

Pressure switch for vacuum (ZSE2) specifications (E)

Nil	No setting
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Filter specifications (F)

Nil	No setting
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Output specifications

Digital pressure switch for vacuum (ZSE30A) specifications (D)

N	NPN open collector 1 output
P	PNP open collector 1 output
A	NPN open collector 2 outputs
B	PNP open collector 2 outputs
C	NPN open collector 1 output + Analog voltage output
D	NPN open collector 1 output + Analog current output
E	PNP open collector 1 output + Analog voltage output
F	PNP open collector 1 output + Analog current output

Pressure switch for vacuum (ZSE2) specifications (E)

Nil	NPN open collector 1 output
55	PNP open collector 1 output

Filter specifications (F)

Nil	No setting
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