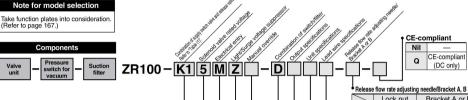
Large Size Vacuum Module: Vacuum Pump System





ZR Series

How to Order



Combination of vacuum valve and release valve

Refer to "Table (1)" in page 165 for details.

Solenoi	CE-compliant	
Nil Note)	Air operated	_
5	24 VDC	•
6	12 VDC	•
٧	6 VDC	•
S	5 VDC	•
R	3 VDC	•
D1 Note)	100 VAC (50/60Hz)	_
D2 Note)	110 VAC (50/60Hz)	

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

Electrical entry

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

 Refer to "Table (2)" on page 165 for part no. of lead wire with connector.

Light/Surge voltage suppressor

	Eigittouigo voitago cappicocoi	
Nil	None	
Z	With light/surge voltage suppressor	
S	With surge voltage suppressor	

 DC voltage: Be much careful about polarity, because it is incorrect at DC (surge voltage suppressor), diode or switching element may be damaged.

AC voltage: S is not available for AC.

Manual override

Nil	Non-locking push type
В	Slotted locking type

Combination of switch/filter

D	Digital pressure switch for vacuum (ZSE30A) + Filter
E	Pressure switch for vacuum (ZSE2) + Filter
F	Filter

Release flow rate adjusting needle/Bracket A, B Note)			
Lock nut	Bracket A or B		
×	•		
•	•		
•	×		
×	×		

: Attached (Bracket A or B is shipped together.)

X: None

X : None 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.

Lead wire specifications

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

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

Refer to "Table (4)" on page 165 for part no. of lead wire with connector.

Pressure switch for vacuum (ZSE2) specifications (E)

Pressure switch for vacuum (ZSE2) specifications (E)		
Nil	Grommet/Lead wire (Length 0.6 m)	
L	Grommet/Lead wire (Length 3 m)	
С	Lead wire with connector (Length 0.6 m)	
CL	Lead wire with connector (Length 3 m)	
CN	With connector/Without lead wire	

Refer to "Table (3)" on page 165 for part no. of lead wire with connector. **Filter specifications (F)**

Nil	No setting

Unit specifications

Digital pressure switch for vacuum (ZSE30A) specification		
Nil	With unit switching function	
M	SI unit only	
Р	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	
Filter s	specifications (F)	
Nil	No setting	

Output specifications

Digital pressure switch for vacuum (ZSE30A) specifications (D

Digital pressure switch for vacuum (25E30A) specifications (D)		
N	NPN open collector 1 output	
P	PNP open collector 1 output	
Α	NPN open collector 2 outputs	
В	PNP open collector 2 outputs	
С	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