Ejector System Vacuum Unit

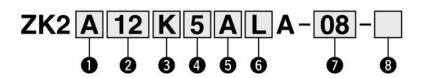
ZK2 A Series



Single Unit Ejector + With Valve + Without Energy Saving Function

Refer to pages 24, 25, 27, and 28 for the port layouts (including circuit examples) and pages 35 to 37 for the dimensions.

How to Order



Body/Exhaust type

Symbol	Body	Exhaust type		
A		Silencer exhaust*1		
В	Single unit	Port exhaust exhaust		
G		High-noise reduction silencer exhaust		

^{*1} With exhaust port when 2 is 12 or 15

4 Rated voltage (Supply valve/Release valve)

Symbol	Voltage
5	24 VDC
6	12 VDC

5 Pressure switch for vacuum/Pressure sensor

		Pressure range [kPa]	Specifications			
Symbol	Туре		NPN	PNP	With unit selection	
			2 outputs		function*3	
Α		0 to -101	•	10-	•	
В	ch for		•	_	None (SI unit only)	
С			_	•	•	
D	swi		_	•	None (SI unit only)	
E	acu	Vaccuum vaccuum vaccuum vaccuum vaccuum ot o 100 – 101	•	_	•	
F	Pressu		•	1-	None (SI unit only)	
Н		Pre	-100 to 100	7-0	•	•
J			1-1	•	None (SI unit only)	
Р	Pressure	0 to -101	Analog output 1 to 5 V		output 1 to F \/	
Т	sensor	-100 to 100			output 1 to 5 V	
N	Without pressure switch for vacuum/pressure sensor					

^{*3} The unit selection function is not available in Japan due to the New Measurement Law. The unit for the type without the unit selection function is fixed as kPa.

Vacuum (V) port

Vacuum (V) po			
Symbol	Vacuum (V) port		
06	ø6		
08	ø8		
07	ø1/4"		
09	ø5/16"		

Nominal nozzle size

Symbol Nominal nozzle siz	
07	ø0.7
10	ø1.0
12	ø1.2
15	ø1.5

 Refer to page 18 for the standard supply pressure per nozzle diameter.

3 Combination of supply valve and release valve

Symbol	Supp	Release valve	
	N.C.	Self-holding	N.C.
K	•	_	•
J	•	_	
R	_	●*2	•

*2 Supply valve maintains vacuum by energization (20 ms or more). Stopping the vacuum turns on the release valve.

6 Connector

(Supply valve/Release valve/Pressure switch for vacuum)

Symbol	For supply valve/ release valve: 300 mm (Connector assembly)*4	For pressure switch for vacuum: 2 m (Lead wire with connector)		Note	
L	•		Cannot be selected when 5 is N		
L1	None	•			
L2	•	No	Cannot be selected when 5 is P or T		
L3	None	No			

^{*4} For the connector length other than 300 mm, order the connector assembly on page 32 separately.

8 Option*5 (For details on the Function/Application, refer to page 42.)

Symbol		Туре		
Nil	Without o	pption	_	
В	Mounting for single (nuts and		_	
D		vidual release PD port supply (PD) port (M3)*6	Cannot be selected when 3 is J	
E	c flow edle	Screwdriver operation type long lock nut	Cannot be selected when 3	
J	/acuum break flow adjusting needle	Round lock nut Lock nut	is J Can be selected only for the	
κ	Vacui adju	Screwdriver operation type Vacuum break flow adjusting need	combination of J and K	
w	With exh interferer prevention	nce Exhaust interference	When J is selected for install the release valve of vacuum breaker in the middle of the vacuum pipin	

^{*5} When more than one option is selected, list the option symbols in alphabetical order. (Example -BJ)

^{*6} Use a One-touch fitting or barb fitting (M-3AU-4) for piping. (O.D.: Within Ø6.2)

