

SMC

1

## Vacuum Unit Series ZK2

- PV: Air pressure supply port/Port for vacuum source (Vacuum pump)
- PS: Pilot pressure supply port
- PD: Individual release pressure supply port
- V: Vacuum port EXH: Exhaust port • PE: Pilot pressure exhaust port For details  $\Rightarrow$  Page 14

					33				Vac	uum
			0		-				PD: Individ V: Vacuum PE: Pilot pr	ual relea port ● ressure e
	6 Supply Valve/Release Valve/Digital Pressure Switch for Vacuum Connector Specifications							tions	<b>1</b> v	acuu
		3 For supply valve	/release v	/alve Note 12)	5Lead wire with connector				Symbol	Type
	Symbol	Connector type	l ead wire w	vith connector	for pressure switch/				00	<u> </u>
			Loud mile n		sensor	f f			06	Metric
	с	Common wiring			O Note 16)				08	size
	C1	(For manifold)	×		× Note 17)				07	Inch size
	L		0 <sup>N</sup>	ote 13)	O Note 16)				Note 1	8) Sup ø6 (
	L1		× N	ote 14)	Note 16)			N N	lote 12) Sol lote 13) Sta	enoid va Indard le
	L2	L-type plug connector	Note 13)		× Note 17)				لنا (14) For L3 to ا lote 15) Sta dar	', and or page 16. Indard lea
	L3	S			× Note 17)			and fun lote 16) Se sel	the lea ction is 2 lect "C, I ected for	
	w	Wit			re for switch with aving function			for Sir ser	Vacuum ice only isor, ser	
	Y	Non-valve (w	ithout s	upply/ O Note 16)					ser	nsor, or
	Va	release valve	) When	n "N" is					wit	hout lead
	ŶĬ	Selected for			~	V			Sing	jle Un
	N	When "N" is selected for both (Co and () (Pressure Sensor/Pressure (without supply/release valve, witho		Imbination of Supply Valve and Release Valve) Switch for Vacuum Specifications) ut switch, pressure sensor)					00	
8 Optional Specificati			ificati	ons/Eurotions/Applications Note 19						P 00
	Symbol			Function/Application						Q
	Nil	Without option							ZK2	A 07
	в	B With one bracket for mounting a single unit (Mounting screw is attached)		<ul> <li>Use when a single unit is mounted to the floor in an upright position is requested. (When ordering only bracket, refer to page 22.)</li> </ul>			Bracket			B 10 C 12
C Pump thread D With press port t		Pump system PE port female thread specification Note 20)		Use for pilot pressure exhaust piping (Standard pump system is released to the atmosphere.)			PE port	Note	26) Whe Valv	
		With individual re pressure supply port type Note 21)	ith individual release essure supply (PD) ort type <sup>Note 21)</sup> t		Use when supply pressure for vacuum release which pressure is different from the ejector supply pressure is requested.		PD port		For op Note 1	for ( otions no 19) Wh
	J	Vacuum break adjustment nee Round lock nut	flow edle t type	<ul> <li>Thicke More s</li> <li>Round when</li> </ul>	r than standard hexag suitable for hand tighte lock nut improves op manifold, pump sys	on type. ning. erability tem, or		acuum break flow	Note 2	the Exa 20) For so
	к	Vacuum break flow adjustment needle Screwdriver operat	/ ion type	<ul> <li>Slotted perform system</li> </ul>	st port type is used. type improves fine adj mance when manifolo , or exhaust port type is	ustment d, pump used.	Vacuum break flo adjustment needl	w e	Note 2	21) Onl one ting 22) Sele
L Ma		Manifold individual supply specification Note 22)		<ul> <li>Adjust for mar um pre</li> </ul>	Adjust the supply pressure individually for manifold in order to adjust the vacu- um pressure reached by each ejector.				Note 2	fold vidu 23) To p
	Р	Manifold common release pressure supply specification Note 24)		• When selecting "D" (with common release pres- sure supply (PD) port) for ③ manifold option, supplying a pressure which is different from for common PV to common PD is requested.					Note 2	Thi bac exh 24) Whe
	w	With exhaust inter prevention valve <sup>N</sup>	rference lote 23, 25)	When ej silence haustec port of e ference	ectors are operated individ r common exhaust mani I air may flow backward fr ejectors that are OFF. Exha prevention valve prevents I	lually with ifold, ex- om the V aust inter- pack flow.	Exhaust inte	rference	Note 2	nur 25) Whe Valv fere Opt
			-							

**SMC** 



How to Order

Flow-rate Characteristics

Port Layout

Construction

2

Note) Refer to page 31 when mounting single unit to DIN rail.