

# Multistage Ejector

## Series ZL112

### How to Order

**Without valve** ZL1 12      

**With valve** ZL1 12       - K1 5 M Z    -            

**Nozzle diameter**

12	1.2 mm
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**Exhaust type**

Nil	Built-in silencer
P	Port exhaust

**Exhaust port (EXH) thread type**  
(Port exhaust only)

Nil	Rc1/2
F	G1/2 <sup>(3)</sup>
N	1/2-14 NPT
T	1/2-14 NPTF

**Supply valve/Release valve combination**

K1	With supply and release valves
K2	With supply valve

**Rated voltage**

DC specifications	
5	24V
6	12V
V	6V
S	5V
R	3V
AC specifications (50/60 Hz)	
1	100V
2	200V
3	110V[115V]
4	220V[230V]

**Electrical entry**

G	Grommet	Lead wire length 0.3 m
H	L plug connector	Lead wire length 0.6 m
L		Lead wire length 0.3 m
LN		Without lead wires
LO		Without connector
M	M plug connector	Lead wire length 0.3 m
MN		Without lead wires
MO		Without connector

**Light/Surge voltage suppressor**

Nil	Without light/surge voltage suppressor
S	With surge voltage suppressor
Z	With light/surge voltage suppressor
U	With light/surge voltage suppressor (Non-polar type)

\* Type U is 24 or 12 VDC only.  
\* Since surge voltage is prevented by a rectifier in the case of AC, there is no type "S".

**Manual override**

Nil	Non-locking push type
D	Locking slotted type

**Lead wire specifications**  
(Applicable only when the vacuum pressure sensor specification is "D" for digital pressure switch for vacuum)

L	Lead wire with connector (Length 2 m)
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**Unit specifications**  
(Applicable only when the vacuum pressure sensor specification is "D" for digital pressure switch for vacuum)

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

Note 1) W/ unit switching function is not permitted to sell for the domestic use in Japan, because the new Weight and Measure Act has been implemented since October '99.  
Note 2) Fixed unit: kPa

**Output specifications**  
(Applicable only when the vacuum pressure sensor specification is "D" for digital pressure switch for vacuum)

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

**Vacuum pressure sensor**

Nil	None
GN	Vacuum port adaptor Rc 1/8
G	Vacuum pressure gauge
D	Digital pressure switch for vacuum