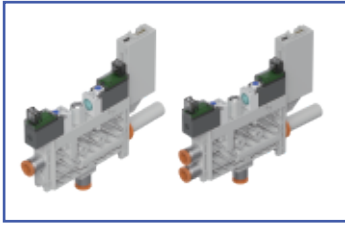


Compact vacuum generator

VEL/VTL Series

Vacuum Generator(Single-chip type) VEL series



VEL **07** - **H** - **15** - **PQ6** - **VQ6** - **UA** - - **C** - **SP** - **H3**

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- Low-cost, compact vacuum generator.
- The integrated solenoid valve is adopted, and the switching time is short.
- Place workpieces quickly, accurately and safely through jet pulses.
- Simple installation and low installation cost.
- Optional additional gas source port is available to supply gas separately for vacuum breaking.
- Compact and lightweight, it is highly suitable for extremely dynamic and decentralized grasping applications in the electronics industry.
- RS-485 communication makes debugging and parameter setting simple.

① Nominal nozzle size

code	Vacuum nozzle diameter
07	0.7mm
10	1.0mm

[Note] *The flow data of different mufflers may vary

② Vacuum type

code	Vacuum type
H	High vacuum
L	Big pump

③ Width

code	specification(mm)
15	15

④ Air supply (P) port

code	specification
PQ4	Quick plug connector 4mm
PQ6	Quick plug connector 6mm

⑤ Vacuum (V) port

code	specification
VQ4	Quick plug connector 4mm
VQ6	Quick plug connector 6mm

⑥ Exhaust interface

code	specification
UA	Open muffler UO

⑦ Break the separate interface

code	specification
blank	none
Z	Additional interface

⑧ Vacuum solenoid valve specifications

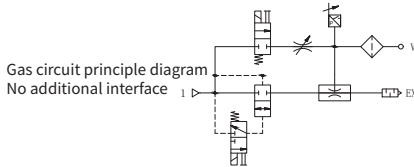
code	specification
C	Vacuum valve is energized (normally closed NC.)
O	Vacuum valve power off (normally open NO.)

⑨ Vacuum pressure switch output

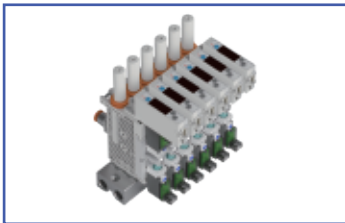
code	Output specification
N	Vacuum free switch
SP	2* NPN
SA	2* PNP
SB	1*NPN+1* (1~5V)
SD	1*PNP+1* (1~5V)
SPC	1*NPN+1*RS485

⑩ Electrical interface

code	specification
H3	Interface type H, vertical plug



Vacuum Generator(Assembled type) VTL series



VTL **10** - **H** - **15** - **Q6** - **L** - **VQ6** - **UA** - - **C** - **4** - **SP**

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

① Nominal nozzle size

code	Vacuum nozzle diameter
07	0.7mm
10	1.0mm

[Note] *The flow data of different mufflers may vary

② Vacuum type

code	Vacuum type
H	High vacuum
L	Big pump

③ Width

code	specification(mm)
15	15

④ Air supply (P) port

code	specification
Q4	Quick plug connector 4mm
Q6	Quick plug connector 6mm
G18	G1/8 threaded interface

⑤ Air interface position

code	specification
blank	Both sides
L	Left side
R	Right side

⑥ Vacuum (V) port

code	specification
VQ6	Quick plug connector 6mm

⑦ Exhaust interface

code	specification
UA	Open muffler UO

⑧ Break the separate interface

code	specification
blank	none
Z	Additional interface

⑨ Vacuum solenoid valve specifications

code	specification
C	Vacuum valve is energized (normally closed NC.)
O	Vacuum valve power off (normally open NO.)

⑩ Number of vacuum generators

code	Quantity
2	2 Links
3	3 Links
...	...
8	8 Links

⑪ Vacuum pressure switch output

code	Output specification
N	Vacuum free switch
SP	2* NPN
SA	2* PNP
SB	1*NPN+1* (1~5V)
SD	1*PNP+1* (1~5V)
SPC	1*NPN+1*RS485

