

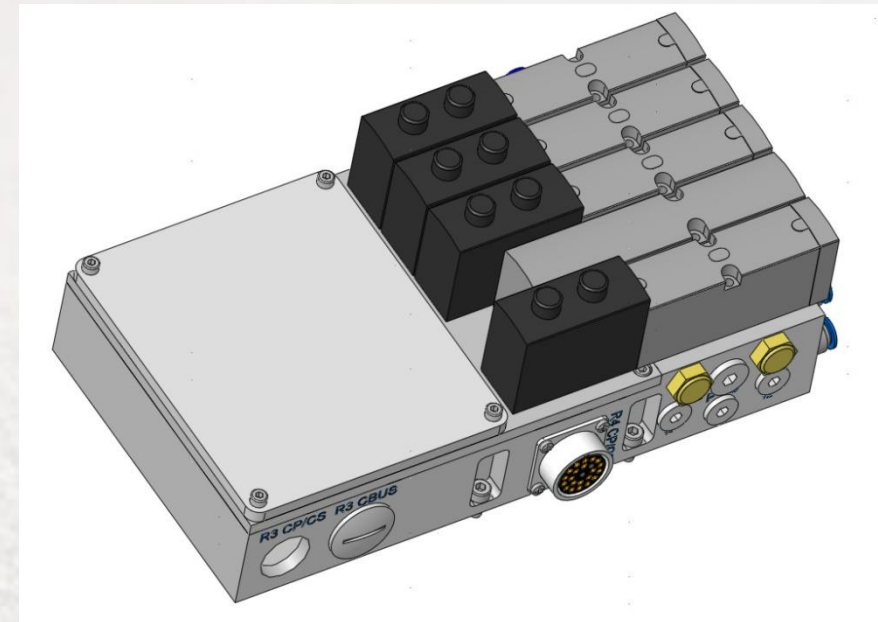


**rSP** robot system  
**products**



# Standard Large valve unit

STD valve unit			
Type	No of valves	Air channels	Tool change function
P0040A	0	-	-
P0041A	4	8	Yes
P0042A	4	8	No
P0043A	5	10	Yes
P0044A	2	4	Yes
P0045A	2	4	No



Technical data	
Max air pressure	10 bar
Max air flow	
Tool change valve	900 l/min
Control valves	1100 l/min
Valve types	
Tool change valve	Double mono stable
Control valves	Bi stable
Mounting flange	ISO 15407-2

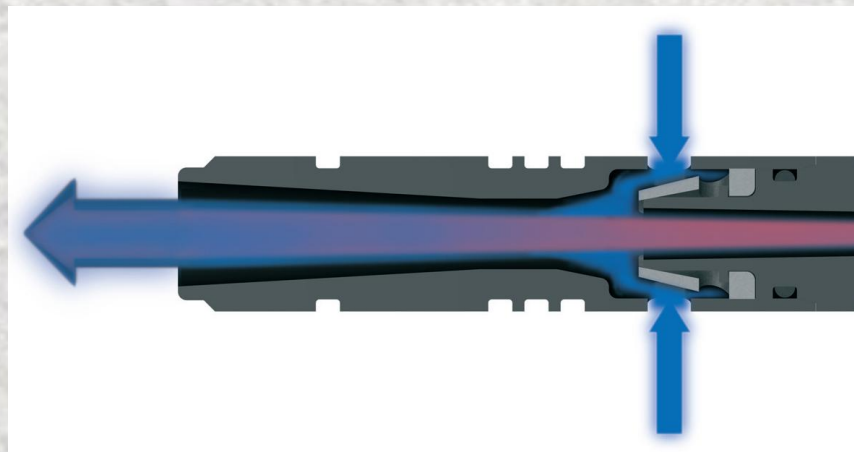
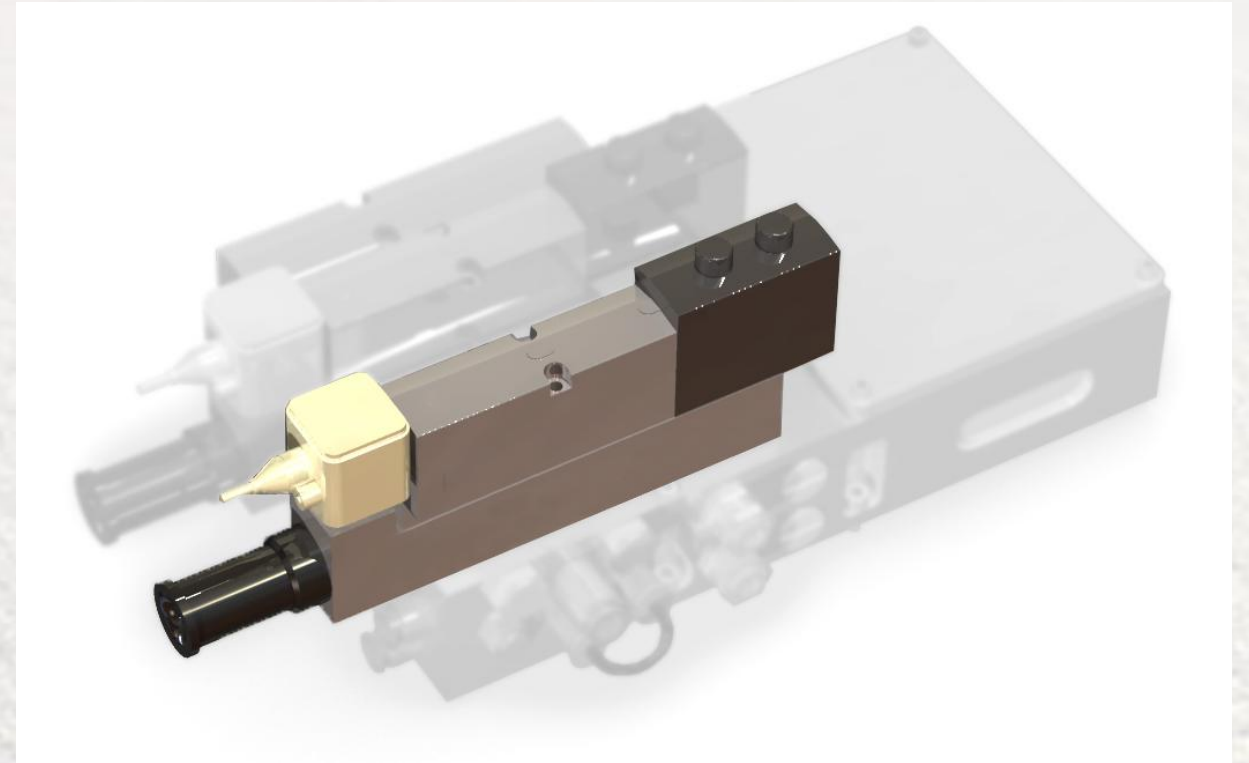
Options	
Connection cables	Robot specific
Profibus	P0046
DeviceNet	P0047
Interbus	P0048
Can Open bus	P0049
Sensor interface	P0056A
Pressure switch & reg	P0070A
Vacuum ejector	P9102
Vacuum saver	P9103





# Option: Vacuum ejector

Technical data	
Valve	Festo (Maximum 5 at one valve unit)
2 x 3/2, NO/NC	Normal open for vacuum ejector Normal closed for release blowing
Max air flow	1100 l/min
Mounting flange	ISO 15407-2
Ejector	PIAB
Max vacuum	-0,9 Bar
Vacuum flow	0,66 NI/s at -0,5 Bar vacuum (Feed pressure 4 Bar)
Air consumption	2,54 NI/s at Feed pressure 4 Bar
Vacuum switch	SMC
Contact type	2 x PNP
Display	LED
Programming	On LED-display



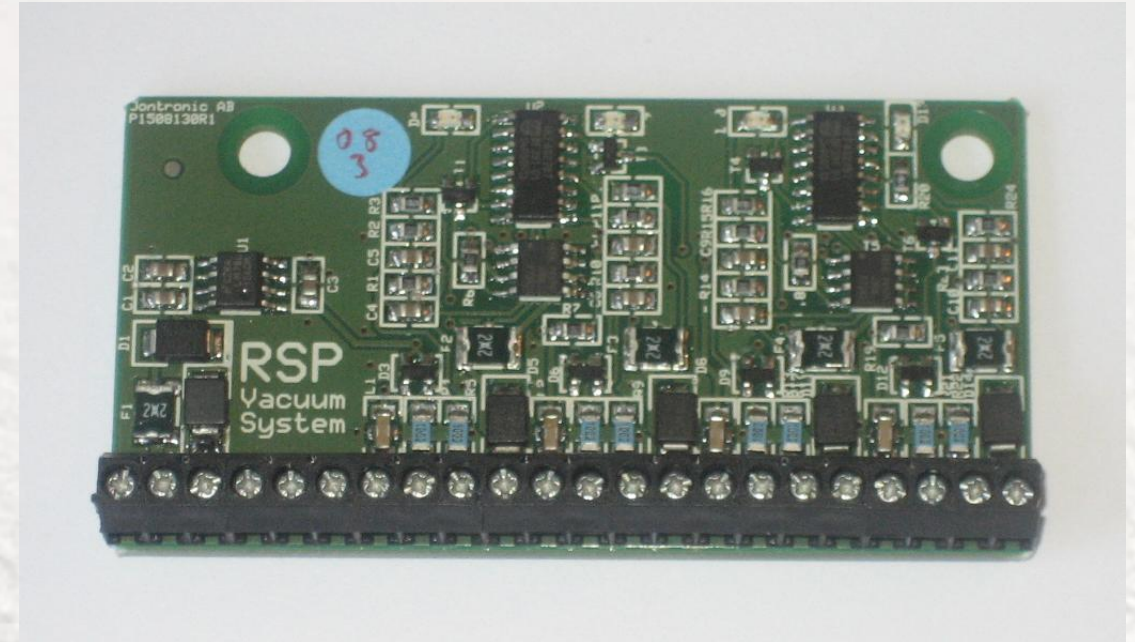




# Option: Vacuum saver

## Technical data

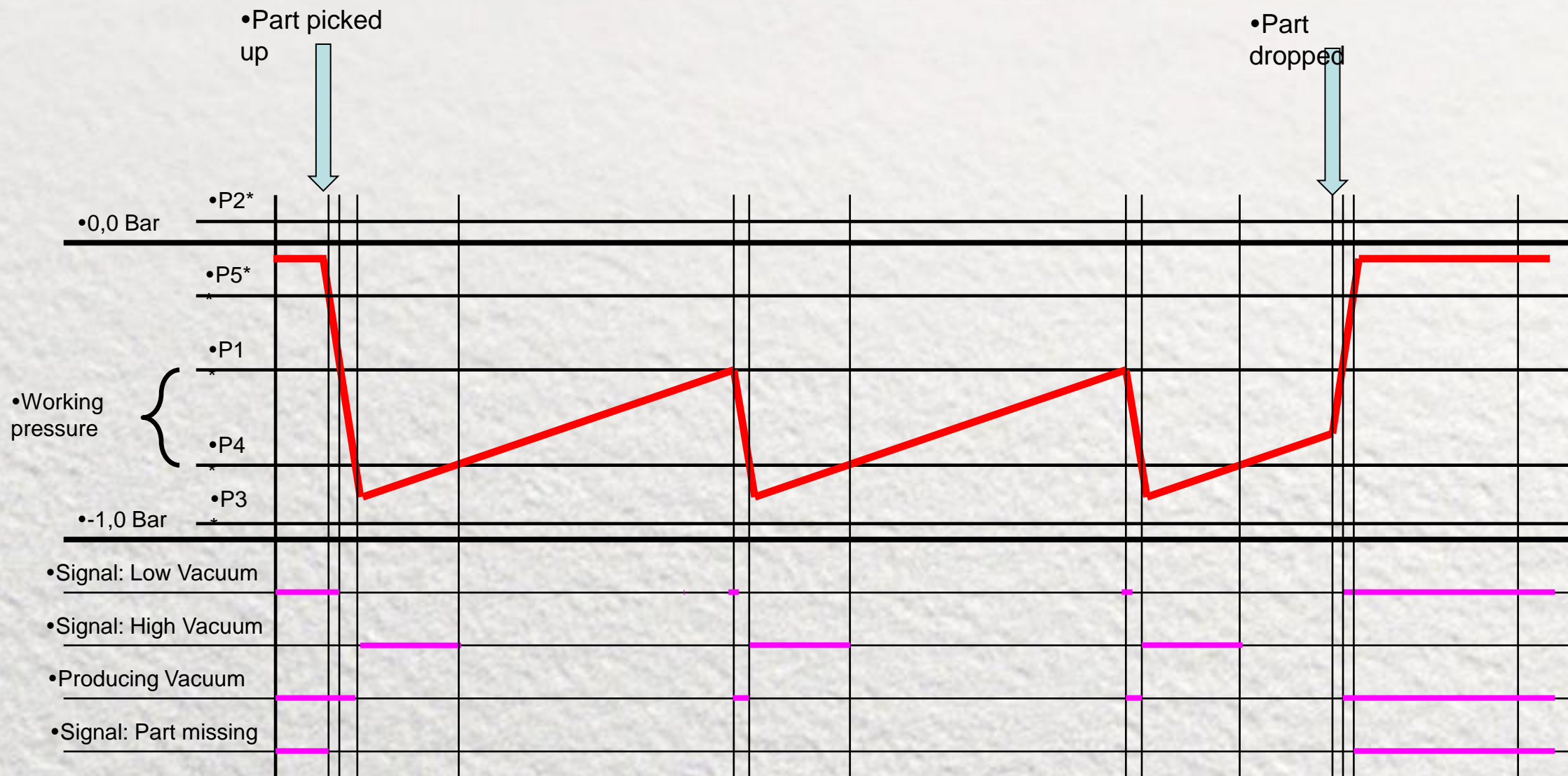
Installation	Inside the valve unit. No separate signals needed.
Capacity	Up to 4 separate vacuum ejectors
Valve type	Designed for NO-valves to ejectors
Out signals	"Low vacuum" for each vacuum ejector
Bus signal	Combination vacuum saver and bus signal for valve unit is possible.







# Vacuum Saver function



- \*P1-P4 are pressure levels set on the vacuum switch for vacuum control
- \*\*P5 is pressure levels set on separate vacuum switch for part indication



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