

Pneumatic Vacuum Generator – Schmalz RECBI



The Schmalz RECBI is a pneumatic vacuum generator that can be assembled directly on the end of a robot, or cobot. It provides powerful vacuum generation and integrated blowoff control for short cycle times and high leakage compensation. Any vacuum gripping tool, from single cups to full EOAT solutions, can be mounted directly to the end and plugged in easy application.

- Max Payload: 55.1 lb (25 kg)
- Mount Pattern (both): ISO 9409 1-50-4-M6
- Mechanical and electrical connections are direct and simple.
- High flow rate, blowoff functionality, and sensing capabilities make it appealing for a range of applications, from production and assembly to warehouse logistics and shipping.
- Part confirmation capable through built-in vacuum pressure sensing.
- All parameters and features are simply programmed and adjusted through NFC interface.
- Many vacuum cups available, see page 119.
- EOAT kits available as well, see page 205.
- Control cable purchased separately, use Quick# 1271 or 1272, found on page 266.

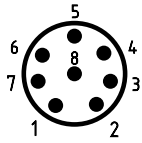
Quick#	Part#	Price	Max Vacuum Level*	Max Suction Flow*		Air Consumption*		Std. Supply Pressure		Wt.
				CFM	l/min	CFM	l/min	psi	Bar	
8827	RECBI-24V-DC-NC	\$1,649.28	85%	1.8 CFM	52.5 l/min	3.1 CFM	89 l/min	65.2 psi	4.5 Bar	683g

*Values listed are achieved when supplied with the listed standard supply pressure.



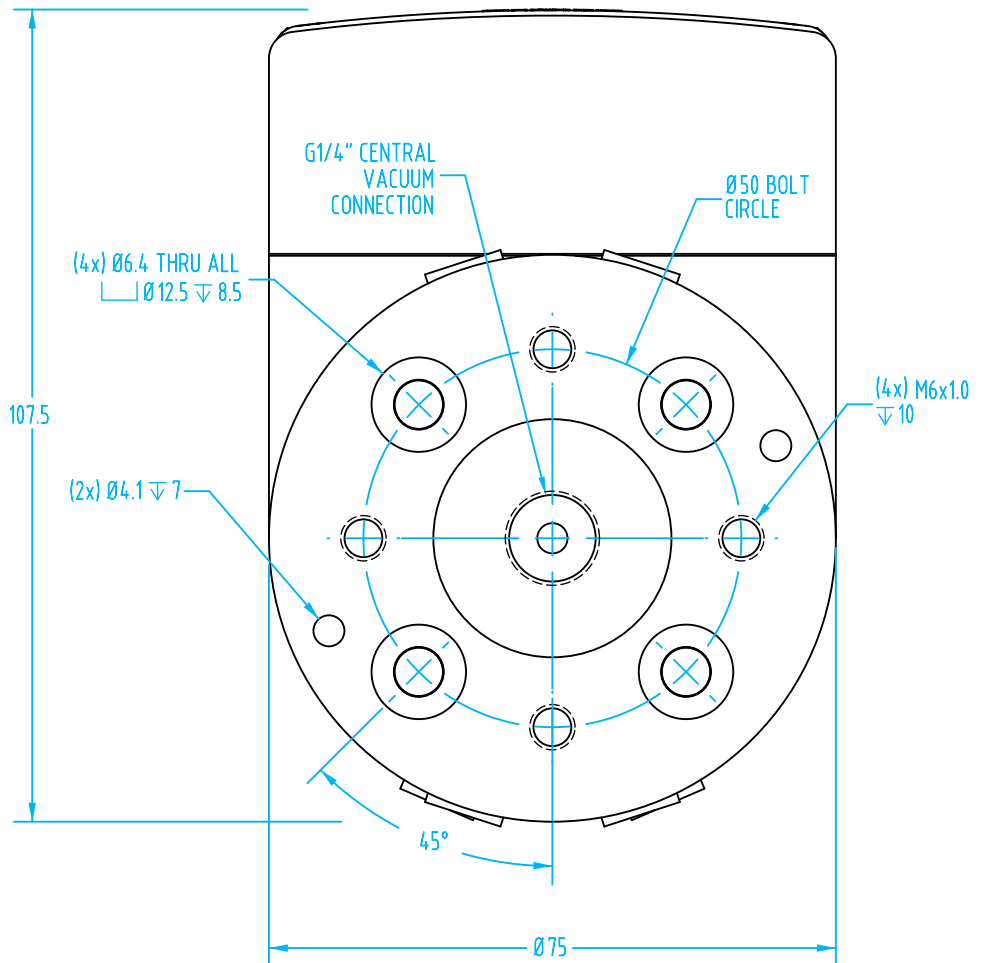
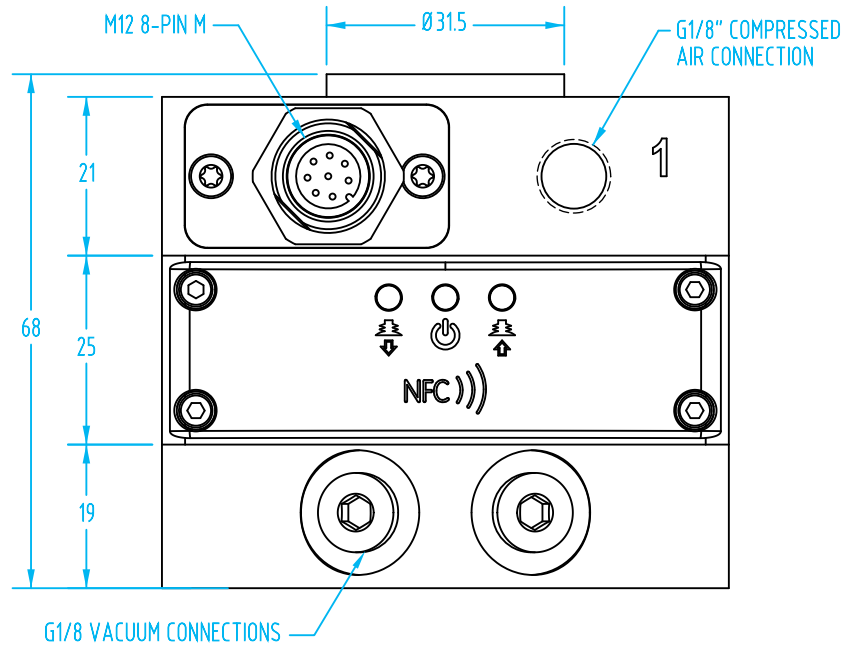
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(Dimensioned drawings shown full scale)



Pin	Wire	Function with SIO
1	White	Supply voltage for actuator U_A
2	Brown	Supply voltage for sensor U_S
3	Green	Actuator ground GND_A
4	Yellow	"Suction" signal input IN_1
5*	Gray	Signal output (Part) OUT_2
6	Pink	Signal input (Blowoff) IN_2
7	Blue	Sensor ground GND_S
8	Red	-

5*: IO Link specific control available through connector as well, see website for details



- CU
- QC
- VG
- VC
- VA
- SG
- GR
- MT
- AC
- CS
- CC