



NEW  
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# Pneumatic Vacuum Generators RECB

Powerful like an ejector, compact like a CobotPump

## Applications

- Pneumatic vacuum generator for end-of-arm (EoA) use on lightweight robots and small industrial robots
- Handling of airtight or porous and uneven workpieces such as cardboard boxes
- Handling of non-rigid workpieces such as filled cardboard boxes in palletizing and depalletizing processes
- Use in fully automated processes with low cycle and evacuation times as well as in human-robot collaboration (HRC environment)



Max. load up to 10 kg



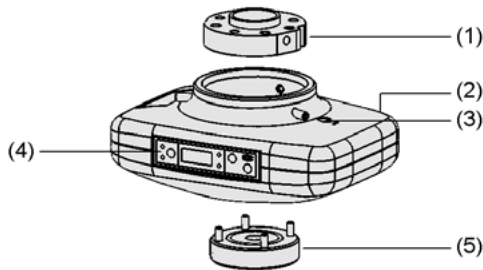
Suction rate up to 57.2 l/min

## Product Highlights

- Powerful pneumatic vacuum generation enables short cycle times and high leakage compensation
- Direct and easy, mechanical and electrical robot connection
- Low overall height allows mounting directly on the robot arm with minimal height limitation
- Control via digital robot outputs (I/O) or communication via IO-Link

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## Design

- Flange adapter plate (1) for mechanical connection to all common robots and industrial robots
- Electrical interface via cable with M12-5-pin plug connection (2)
- Compressed air hose connection (3); optionally also on the rear side
- Integrated 7-segment display (4)
- Flange for gripper connection (5)

System Design Pneumatic Vacuum Generators RECB



## Ordering Data Pneumatic Vacuum Generators RECB

| Type*                 | Part no.       |
|-----------------------|----------------|
| RECB 24V-DC NO M12-5* | 10.02.03.00368 |
| RECB 24V-DC NC M12-5* | 10.02.03.00370 |
| ROB-SET RECB NC UR**  | 10.02.03.00371 |

\*Compressed air hose with  $\varnothing$  6/4 mm and length 2.5 m for connection to the compressed air supply included

\*\*Set ready for connection with vacuum generator RECB incl. flange plates, connection cable, suction cup, screws as well as required software (URCap) and quick start guide



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## Technical Data Pneumatic Vacuum Generators RECB

| Type                  | Degree of evacuation [%] | Suction rate (max.) [l/min] | Suction rate (max.) [m <sup>3</sup> /h] | Air consumption suction [l/min] | Air consumption suction [m <sup>3</sup> /h] |
|-----------------------|--------------------------|-----------------------------|---|---------------------------------|---|
| RECB 24V-DC ... M12-5 | 85                       | 57.2                        | 3.4                                     | 82                              | 4.9   |
| ROB-SET RECB ... UR   | 85                       | 57.2                        | 3.4                                     | 82                              | 4.9   |

| Type                  | Voltage | Pressure range (operating pressure) [bar] | Weight [kg] | Operating temperature [C°] |
|-----------------------|---------|---|-------------|----------------------------|
| RECB 24V-DC ... M12-5 | 24V-DC  | 2.0 ... 6.0                               | 0.67        | 0 ... 40                   |
| ROB-SET RECB ... UR   | 24V-DC  | 2.0 ... 6.0                               | 0.79        | 0 ... 40                   |