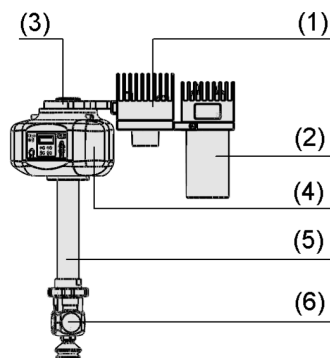Electrical Vacuum Generators

Vision & Handling Sets 3D-R

Ready-to-connect gripping system with camera

SCHMALZ

LOGISTICS

Vision & Handling Sets 3D-R

System design Vision & Handling Sets 3D-R

Vision & Handling Set 3D-R when handling cans

Suitability for industry specific applications

Application

- Ready-to-connect vision & handling set for lightweight robots and cobots based on an intelligent, electrical vacuum generator including camera system
- Detection of flat and rectangular surfaces (BoxPick) or of complex and varying surfaces (ItemPick) using two software modules
- In addition to the vacuum gripping system, the product contains a camera and a projector
- Use in bin-picking and order-picking applications
- Integrated interface for controlling, regulating and monitoring the handling process

Design

- 1: 3D sensor for recording the workpiece position in real time (incl. holder for end-of-arm applications)
- 2: Projector for optimal lighting in difficult lighting conditions
- 3: Flange suitable for mounting on a robot
- 4: Intelligent electrical vacuum generator ECBPi
- 5: Anodized aluminum flange extension
- 6: VEE basic module enables quick connection of various suction cups

Product highlights

- Minimal integration time thanks to the ready-to-connect set
- Little robotics experience required for installation
- Intuitive user guidance reduces startup times
- Improved energy efficiency of processes through integrated automatic adaptation

Contact Schmalz: J. Schmalz GmbH, Johannes-Schmalz-Str. 1 • 72293 Glatten • +49 7443 2403-105 • kundencenter@schmalz.de

Vision & Handling Sets 3D-R

Ready-to-connect gripping system with camera

SCHMALZ