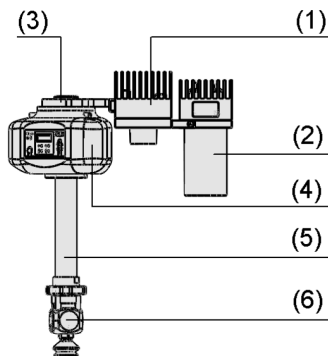


Vision & Handling Sets 3D-R

Ready-to-connect gripping system with camera



Vision & Handling Sets 3D-R



System Design Vision & Handling Sets 3D-R



Suitability for Industry Specific Applications

Applications

- 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

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Multimedia product presentation

Medium	Link
Product video	https://vimeo.com/408375922