FA 46
Vision sensor for object detection.

• Presence check
• Completeness check
• Part differentiation
• Position check / Position detection
• Rejection check
• Sorting

NEW: Precise determination of position
        and angle thanks to
        contour detector

FA 46

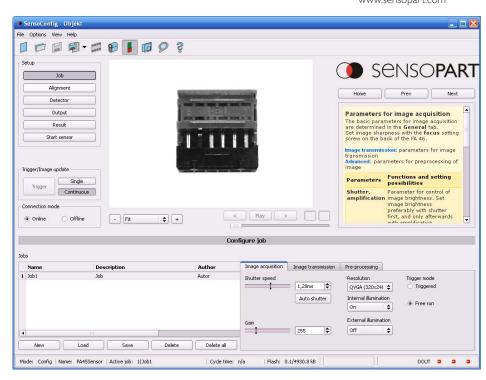## Vision Sensor for object detection with second-generation user interface

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For
- Automation
- Special machine construction
- Assembly & materials handling
- Automotive industry and suppliers

New: Ideal for Pick & Place and Robotics thanks to a very accurate position detection by means of a contour detector

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Even more powerful

- Part detection and position tracking
- Position detection of parts, e.g. on conveyor belts (X/Y position and rotational position)
- Extended logic functions (multi-stage, combined and formula mode)
- User mode with viewer (image and result display, job upload and recorder images)
- Different password levels
- Ethernet/IP
- Customer-specific, flexible compilation of output data
- 3 configurable result outputs

Groundbreaking operating concept

- Intuitive user interface
- Operation with step-by-step, sequentially guided navigation
- Particularly clear organisation with jobs and detectors
- Context-sensitive online aid
- Offline simulation with filmstrip navigation
- Online / offline switching

Product versions	FA 46 301	FA 46 305
Functions		
Number of jobs	1	any
Number of detectors	any	any
Position tracking	-	yes
Detector types	contour pattern matching grey level contrast	contour pattern matching grey level contrast
IO	2 x I / 4 x O	2 x I / 4 x O
RS422	-	yes
Ethernet	yes (no data)	yes
Encoder external	-	yes
Lenses		
6 mm, integrated	yes	yes
12 mm, integrated	yes	yes
C-Mount	-	yes
Connectivity		
Profibus	-	optional
EnIP	-	yes
Visualisation		
PC worker mode / Viewer	yes	yes