

Overview

- User management
- Password protection
- Backup & Restore function
- Coordinate transformation
- flexible result conjunction
- Download VeriSens® Application Suite: www.baumer.com/vs-sw



Technical data

General data		Electrical data	
Resolution	752 × 480 px	Digital outputs	3 outputs (PNP) Pass / Fail Flash Sync Alarm Camera Ready Output Enable
Sensor type	1/3" CMOS, monochrome	Initial setup	Ethernet (10BASE-T / 100BASE-TX)
Illumination	integrated, LED white	Process interface	TCP/UDP (Ethernet) RS485
LED class	risk group 1 (low risk, EN 62471:2008)	Visualization	web interface
High-resolution mode	max. 50 inspections per second	Mechanical data	
High-speed mode (limited resolution)	max. 100 inspections per second	Width	53 mm
Object distance min.	70 mm	Height	99.5 mm
Object distance max.	300 mm	Depth	38 mm
Number of jobs (products)	≤ 255	Weight	≤ 250 g
Features per job	32	Material	housing: aluminum cover glass: PMMA
Signal processing	Baumer FEX® 4.0	Environmental conditions	
Defect image memory	32	Operating temperature	+5 ... +60 °C @ T = measurement point
Lens	16 mm	Storage temperature	-20 ... +70 °C
Electrical data		Case temperature	max. +50 °C
Voltage supply range +Vs	18 ... 30 V DC	Humidity	0 ... 90 % (non-condensing)
Power consumption	typical 5 W (I _{max} = 1 A at 24 V)	Protection class	IP 67
Digital inputs	5 inputs (8 ... 30 V) trigger job selection external teach-in encoders (CH-A, CH-B) 500 kHz	Vibration load	IEC 60068-2-6 IEC 60068-2-64
		Mechanical shock resistance	EN 60068-2-27

Technical data

Feature checks

Part location	part location on contours part location on edges part location on circle part location on text line
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Geometry	Distance circle angle count edges point position edge characteristics
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Feature comparison	count contour points contour comparison brightness contrast area size count areas pattern comparison
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Conformity

Conformity	CE KC (R-REI-BkR-VeriSens-RP) RoHS
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Non-volatile memory

Flash memory size	256 Mbit Flash S29GL256P10FFI010
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Electrical connection



1: PWR (+18-30 V DC)	7: OUT3
2: Ground	8: IN3
3: IN1 (Trigger)	9: RS485+
4: OUT1	10: IN4
5: IN2	11: IN5
6: OUT2	12: RS485-



1: TD+	3: TD-
2: RD+	4: RD-

Dimension drawing

