

**Overview**

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



Picture similar



**Technical data**

General data		Electrical data	
Resolution	752 × 480 px	Initial setup	Ethernet (10BASE-T / 100BASE-TX)
Sensor type	1/3" CMOS, monochrome	Process interface	TCP/UDP (Ethernet) RS485
Illumination	integrated, LED infrared (860 nm)	Visualization	web interface
LED class	free group (risk free, EN 62471:2008)	Mechanical data	
High-resolution mode	max. 50 inspections per second	Width	53 mm
High-speed mode (limited resolution)	max. 100 inspections per second	Height	99.5 mm
Object distance min.	50 mm	Depth	38 mm
Number of jobs (products)	≤ 255	Weight	≤ 250 g
Features per job	32	Material	housing: aluminum cover glass: PMMA, integrated daylight filter (780 nm)
Signal processing	Baumer FEX® 4.0	Environmental conditions	
Defect image memory	32	Operating temperature	+5 ... +60 °C @ T = measurement point
Lens	10 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 <sub>max</sub> = 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
Digital outputs	3 outputs (PNP) Pass / Fail Flash Sync Alarm Camera Ready Output Enable	Mechanical shock resistance	EN 60068-2-27

2023-07-18 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

## 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 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

