

**Overview**

- Backup & Restore function
- Download VeriSens® Application Suite: [www.baumer.com/vs-sw](http://www.baumer.com/vs-sw)



Picture similar



**Technical data**

**General data**

Resolution	752 × 480 px
Sensor type	1/3" CMOS, monochrome
Illumination	integrated, LED infrared (860 nm)
LED class	free group (risk free, EN 62471:2008)
High-resolution mode	max. 50 inspections per second
Object distance min.	70 mm
Object distance max.	300 mm
Number of jobs (products)	≤ 255
Features per job	32
Signal processing	Baumer FEX® 3.5
Defect image memory	32
Lens	16 mm

**Electrical data**

Voltage supply range +Vs	18 ... 30 V DC
Power consumption	Typical 5 W ( $I_{max} = 1 \text{ A at } 24 \text{ V}$ )
Digital inputs	5 inputs (8 ... 30 V) trigger job selection external teach-in encoders (CH-A, CH-B) 500 kHz
Digital outputs	5 outputs (PNP) Pass / Fail Flash Sync Alarm Camera Ready Output Enable

**Electrical data**

Initial setup	Ethernet (10BASE-T / 100BASE-TX)
Visualization	web interface

**Mechanical data**

Width	53 mm
Height	99.5 mm
Depth	38 mm
Weight	≤ 250 g
Material	housing: aluminum cover glass: PMMA, integrated daylight filter (780 nm)

**Environmental conditions**

Operating temperature	+5 ... +50 °C
Storage temperature	-20 ... +70 °C
Case temperature	max. +50 °C
Humidity	0 ... 90 % (non-condensing)
Protection class	IP 67
Vibration load	IEC 60068-2-6 IEC 60068-2-64
Mechanical shock resistance	EN 60068-2-27

**Feature checks**

Part location	part location on contours
Geometry	Distance circle

**Technical data**

**Feature checks**

Feature comparison	count contour points
	contour comparison
	brightness

**Non-volatile memory**

Flash memory size	256 Mbit Flash S29GL256P10FFI010
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**Conformity**

Conformity	CE
	RoHS

**Electrical connection**



1: PWR (+18-30 V DC)	7: OUT3
2: Ground	8: IN3
3: IN1 (Trigger)	9: OUT4
4: OUT1	10: IN4
5: IN2	11: IN5
6: OUT2	12: OUT5



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

**Dimension drawing**

