

Overview

- Backup & Restore function
- Download *VeriSens*® Application Suite: www.baumer.com/vs-sw



Technical data

General data		Electrical data	
Resolution	752 × 480 px	Visualization	web interface
Sensor type	1/3" CMOS, monochrome	Mechanical data	
Illumination	integrated, LED white	Width	53 mm
LED class	risk group 1 (low risk, EN 62471:2008)	Height	99.5 mm
High-resolution mode	max. 50 inspections per second	Depth	38 mm
Object distance min.	70 mm	Weight	≤ 250 g
Object distance max.	300 mm	Material	housing: aluminum cover glass: PMMA
Number of jobs (products)	≤ 255	Environmental conditions	
Features per job	32	Operating temperature	+5 ... +50 °C
Signal processing	Baumer <i>FEX</i> ® 3.5	Storage temperature	-20 ... +70 °C
Defect image memory	32	Case temperature	max. +50 °C
Lens	16 mm	Humidity	0 ... 90 % (non-condensing)
Electrical data		Protection class	IP 67
Voltage supply range +Vs	18 ... 30 V DC	Vibration load	IEC 60068-2-6 IEC 60068-2-64
Power consumption	typical 5 W ($I_{\max}$ = 1 A at 24 V)	Mechanical shock resistance	EN 60068-2-27
Digital inputs	5 inputs (8 ... 30 V) trigger job selection external teach-in encoders (CH-A, CH-B) 500 kHz	Feature checks	
Digital outputs	5 outputs (PNP) Pass / Fail Flash Sync Alarm Camera Ready Output Enable	Part location	part location on contours
Initial setup	Ethernet (10BASE-T / 100BASE-TX)	Geometry	Distance circle
		Feature comparison	count contour points contour comparison brightness

Technical data

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: OUT4
4: OUT1	10: IN4
5: IN2	11: IN5
6: OUT2	12: OUT5



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

Dimension drawing

