

Overview

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



Technical data

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

Technical data

Non-volatile memory

Flash memory size 256 Mbit Flash S29GL256P10FFI010

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

