

Overview

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



Picture similar



Technical data

General data		Electrical data	
Resolution	752 × 480 px	Digital outputs	5 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 infrared (860 nm)	Process interface	TCP/UDP (Ethernet)
LED class	free group (risk free, 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	107.5 mm
Object distance max.	300 mm	Depth	38 mm
Number of jobs (products)	≤ 255	Weight	≤ 700 g
Features per job	32	Material	housing: stainless steel 1.4404 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	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 69K
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

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

Technical data

Environmental conditions

Mechanical shock resistance EN 60068-2-27

Feature checks

Part location part location on contours
part location on edges
part location on circle
part location on text line

Geometry

Distance
circle
angle
count edges
point position
edge characteristics

Feature checks

Feature comparison contour comparison
count contour points
brightness
contrast
area size
count areas
pattern comparison

Conformity

Conformity CE
RoHS

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

