

Overview

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



Technical data

| General data | | Electrical data | |
|--------------------------------------|---|-----------------------------|--|
| Resolution | 752 × 480 px | Process interface | TCP/UDP (Ethernet) |
| Sensor type | 1/3" CMOS, monochrome | Visualization | web interface |
| Illumination | integrated, LED infrared (860 nm) | Mechanical data | |
| LED class | free group (risk free, EN 62471:2008) | Width | 53 mm |
| High-resolution mode | max. 50 inspections per second | Height | 107.5 mm |
| High-speed mode (limited resolution) | max. 100 inspections per second | Depth | 38 mm |
| Object distance min. | 50 mm | Weight | ≤ 700 g |
| Number of jobs (products) | ≤ 255 | Material | housing: stainless steel 1.4404 cover glass: PMMA, integrated daylight filter (780 nm) |
| Features per job | 32 | Environmental conditions | |
| Signal processing | Baumer FEX® 4.0 | Operating temperature | +5 ... +60 °C @ T = measurement point |
| Defect image memory | 32 | Storage temperature | -20 ... +70 °C |
| Lens | 10 mm | Case temperature | max. +50 °C |
| Electrical data | | Humidity | 0 ... 90 % (non-condensing) |
| Voltage supply range +Vs | 18 ... 30 V DC | Protection class | IP 69K |
| Power consumption | typical 5 W (I _{max} = 1 A at 24 V) | Vibration load | IEC 60068-2-6 IEC 60068-2-64 |
| Digital inputs | 5 inputs (8 ... 30 V) trigger job selection external teach-in encoders (CH-A, CH-B) 500 kHz | Mechanical shock resistance | EN 60068-2-27 |
| Digital outputs | 5 outputs (PNP) Pass / Fail Flash Sync Alarm Camera Ready Output Enable | Feature checks | |
| Initial setup | Ethernet (10BASE-T / 100BASE-TX) | Part location | part location on contours part location on edges part location on circle part location on text line |

2022-02-16 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

VS XF105M03I10EP

XF105

Article number: 11127048

Technical data

Feature checks

| | |
|--------------------|--|
| Geometry | Distance circle angle count edges point position edge characteristics |
| 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

