



Features

- Backup & Restore function



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 |
| lens | 10 mm |
| object distance min. | 50 mm |
| number of jobs (products) | ≤ 255 |
| features per job | 32 |
| defect image memory | 32 |
| signal processing | Baumer FEX® 3.5 |

electrical data

| | |
|--------------------------|--|
| voltage supply range +Vs | 18 ... 30 V DC |
| power consumption | typical 5 W ($I_{max} = 1 A$ at 24 V) |
| inputs | 8 ... 30 V |
| outputs | PNP 100 mA |
| digital inputs | trigger job selection external teach-in encoders (CH-A, CH-B) 500 kHz |
| digital outputs | Pass / Fail 1-5 Flash Sync Alarm Camera Ready Output Enable |
| initial setup | Ethernet (10BASE-T / 100BASE-TX) |
| visualization | web interface |

mechanical data

| | |
|--------|---------|
| width | 53 mm |
| height | 99,5 mm |
| depth | 38 mm |

mechanical data

| | |
|----------|---|
| material | housing: aluminum cover glass: PMMA, integrated daylight filter (780 nm) |
| weight | ≤ 250 g |

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 |
| feature comparison | count contour points contour comparison brightness |

electrical connection M12 / 12-pin (on device)



| | |
|----------------------|----------|
| 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 |

Ethernet connection M12 / 4-pin (on device)



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

dimension drawing

