

overview

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



technical data

general data

resolution	752 × 480 px
sensor type	1/3" CMOS, monochrome
illumination	integrated, LED white
LED class	risk group 1 (low risk, EN 62471:2008)
high-resolution mode	max. 50 inspections per second
object distance min.	70 mm
object distance max.	300 mm
number of jobs (products)	≤ 255
features per job	32
signal processing	Baumer <i>FEX</i> ® 3.5
defect image memory	32
lens	16 mm

electrical data

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

VS CS100M03W16EP

CS100

Article number: 11076261

electrical data

visualization web interface

mechanical data

width 53 mm
height 99,5 mm
depth 38 mm
weight ≤ 250 g
material housing: aluminum
cover glass: PMMA

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

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

