

overview

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



technical data

general data		electrical data	
resolution	752 × 480 px	visualization	web interface
sensor type	1/3" CMOS, monochrome	mechanical data	
illumination	integrated, LED infrared (860 nm)	width	53 mm
LED class	free group (risk free, EN 62471:2008)	height	99,5 mm
high-resolution mode	max. 50 inspections per second	depth	38 mm
object distance min.	70 mm	weight	≤ 250 g
object distance max.	300 mm	material	housing: aluminum cover glass: PMMA, integrated daylight filter (780 nm)
number of jobs (products)	≤ 255	environmental conditions	
features per job	32	operating temperature	+5 ... +50 °C
signal processing	Baumer <i>FEX</i> ® 3.5	storage temperature	-20 ... +70 °C
defect image memory	32	case temperature	max. +50 °C
lens	16 mm	humidity	0 ... 90 % (non-condensing)
electrical data		protection class	IP 67
voltage supply range +Vs	18 ... 30 V DC	vibration load	IEC 60068-2-6 IEC 60068-2-64
power consumption	typical 5 W ($I_{max} = 1$ A at 24 V)	mechanical shock resistance	EN 60068-2-27
digital inputs	5 inputs (8 ... 30 V) trigger job selection external teach-in encoders (CH-A, CH-B) 500 kHz	feature checks	
digital outputs	5 outputs (PNP) Pass / Fail Flash Sync Alarm Camera Ready Output Enable	part location	part location on contours
initial setup	Ethernet (10BASE-T / 100BASE-TX)	geometry	distance circle
		feature comparison	count contour points contour comparison brightness

VS CS100M03I16EP

CS100

Article number: 11093026

technical data

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

