

overview

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



technical data

general data		electrical data	
resolution	1280 × 960 px	digital outputs	5 outputs (PNP) Pass / Fail Flash Sync Alarm Camera Ready Output Enable
sensor type	1/3" CCD, monochrome	initial setup	Ethernet (10BASE-T / 100BASE-TX)
illumination	direct connection (integrated flash controller)	process interface	TCP/UDP (Ethernet)
illumination connection	as accessory	visualization	web interface
high-resolution mode	max. 12 inspections per second	mechanical data	
high-speed mode (limited resolution)	max. 25 inspections per second	width	53 mm (without lens/tube)
number of jobs (products)	≤ 255	height	99,5 mm (without lens/tube)
features per job	32	depth	49,8 mm (without lens/tube)
signal processing	Baumer FEX® 4.0	weight	≤ 300 g (without lens/tube)
defect image memory	8	material	housing: aluminum cover glass: PMMA
lens	C-mount	environmental conditions	
electrical data		operating temperature	+5 ... +55 °C @ T = measurement point
voltage supply range +Vs	18 ... 30 V DC	storage temperature	-20 ... +70 °C
power consumption	typical 5 W (I _{max} = 1,5 A at 24 V)	case temperature	max. +50 °C
digital inputs	5 inputs (8 ... 30 V) trigger job selection external teach-in encoders (CH-A, CH-B) 500 kHz	humidity	0 ... 90 % (non-condensing)
		protection class	IP 67 (with tube)
		vibration load	IEC 60068-2-6 IEC 60068-2-64

technical data

environmental conditions

mechanical shock resistance	EN 60068-2-27
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code types

barcode	2/5 Industrial 2/5 Interleaved Codabar Code 39 Code 93 Code 128 PharmaCode EAN 8 EAN 13 UPC-A UPC-E GS1 DataBar GS1 128
matrix code	DataMatrix (ECC 200) GS1-DataMatrix QR-Code PDF417
font	many font styles (recommended: sans serif, proportional) Dot Matrix characters: A-Z a-z 0-9 + - . : / ()

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	count contour points contour comparison brightness contrast area size count areas pattern comparison
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identification	barcode matrix code text
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integrated flash controller

voltage	12 V DC or 24 V DC (permanent) 24 V DC or 48 V DC (pulsed)
current	$I_{\max} = 800 \text{ mA}$ at 24 V DC (permanent) ($\pm 10 \%$, at least $\pm 100 \text{ mA}$, at $25 \text{ }^{\circ}\text{C}$) $I_{\max} = 4 \text{ A}$ at 48 V DC (pulsed) ($+10/-20 \%$, at least $\pm 100 \text{ mA}$, at $25 \text{ }^{\circ}\text{C}$)
flash time	max. 1 ms (Duty Cycle max. 1:10)

conformity

conformity	CE RoHS KC (R-R-BkR-VeriSens-XC-IP) EAC UR
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non-volatile memory

flash memory size	256 Mbit Flash S29GL256P10FFI010
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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-

Electrical connection



1: +24 V or +48 V Flash	3: Ground
2: +12 V or +24 V Flash	4: Flash Sync

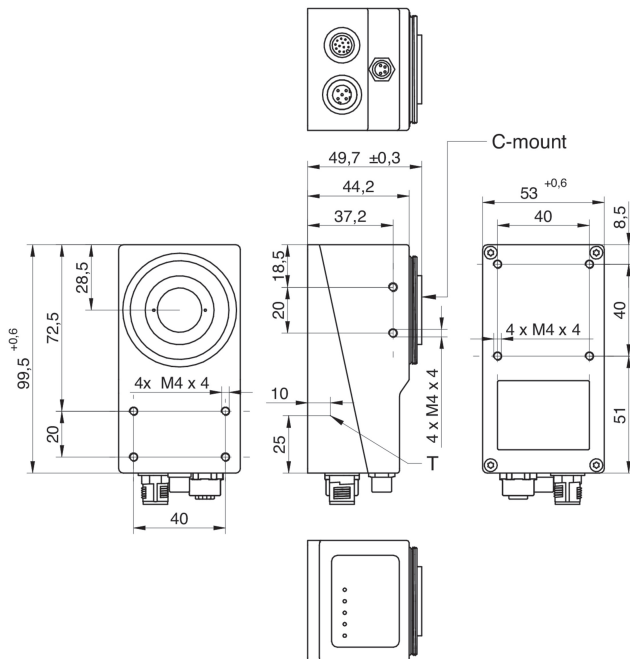
voltage outputs configurable by software

VS XC200M12X00EP

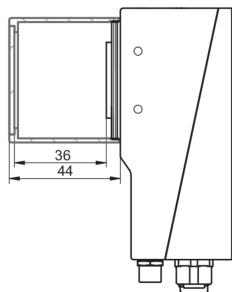
XC200

Article number: 11086176

dimension drawing



C-mount support



XC Tube, XC Tube Module

