

## overview

- User management
- Password protection
- Backup & Restore function
- Coordinate transformation
- flexible result conjunction
- Download VeriSens® Application Suite: [www.baumer.com/vs-sw](http://www.baumer.com/vs-sw)
- available



## technical data

general data		electrical data	
resolution	752 × 480 px	initial setup	Ethernet (10BASE-T / 100BASE-TX)
sensor type	1/3" CMOS, monochrome	process interface	TCP/UDP (Ethernet) RS485
illumination	integrated, LED white	visualization	web interface
LED class	risk group 1 (low risk, EN 62471:2008)	mechanical data	
high-resolution mode	max. 50 inspections per second	width	53 mm
high-speed mode (limited resolution)	max. 100 inspections per second	height	99,5 mm
object distance min.	50 mm	depth	38 mm
number of jobs (products)	≤ 255	weight	≤ 250 g
features per job	32	material	housing: aluminum cover glass: PMMA
signal processing	Baumer FEX® 4.0	environmental conditions	
defect image memory	32	operating temperature	+5 ... +50 °C
lens	10 mm	storage temperature	-20 ... +70 °C
electrical data		case temperature	max. +50 °C
voltage supply range +Vs	18 ... 30 V DC	humidity	0 ... 90 % (non-condensing)
power consumption	typical 5 W (I <sub>max</sub> = 1 A at 24 V)	protection class	IP 67
digital inputs	5 inputs (8 ... 30 V) trigger job selection external teach-in encoders (CH-A, CH-B) 500 kHz	vibration load	IEC 60068-2-6 IEC 60068-2-64
digital outputs	3 outputs (PNP) Pass / Fail Flash Sync Alarm Camera Ready Output Enable	mechanical shock resistance	EN 60068-2-27
		feature checks	
		part location	part location on contours part location on edges part location on circle part location on text line

# VS XF100M03W10RP

XF100

Article number: 11128420

## technical data

### feature checks

geometry	distance circle angle count edges point position edge characteristics
feature comparison	count contour points contour comparison brightness contrast area size count areas pattern comparison

### conformity

conformity	CE KC (R-REI-BkR-VeriSens-RP) RoHS
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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: RS485+
4: OUT1	10: IN4
5: IN2	11: IN5
6: OUT2	12: RS485-



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

## dimension drawing

