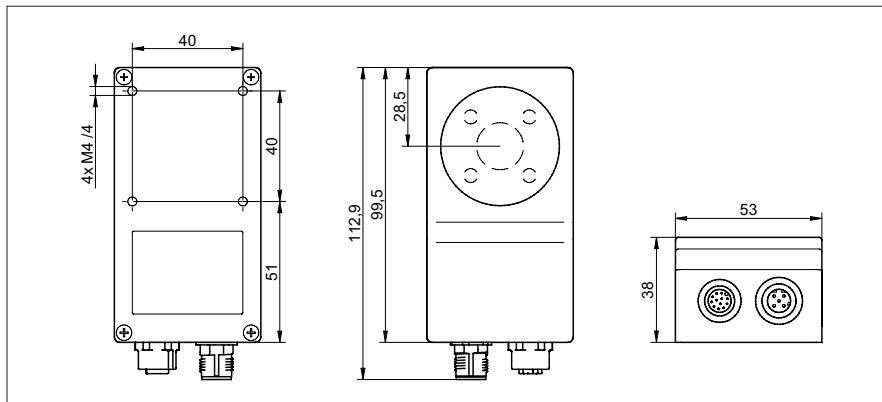


VeriSens® ID-100

VS ID100M03W16RP

Article no.: 11076263

Dimension drawing



General data

Resolution	752 × 480 pixels
LED illumination	White, LED class: risk group 1 (low risk, EN 62471:2008)
Speed	
High Resolution Mode:	Max. 50 inspections per second
High Speed Mode:	Max. 100 inspections per second
Lens	16 mm
Min. object distance	70 mm
Number of jobs (products)	Up to 255
Features per job	32
Fault image memory	32
Signal processing	Baumer <i>FEX</i> ® 3.5

Electrical data

Power supply	== +18 ... 30 VDC
Power consumption	Typical 5 W ($I_{max} = 1$ A at 24 V)
Inputs	8 ... 30 VDC
Outputs	PNP 100 mA
Digital input	Trigger, Job selection, external Teach-in, Encoder (CH-A, CH-B) 500 kHz
Digital output	Pass / Fail 1-3, Flash Sync, Alarm, Camera Ready, Output Enable

Communication

Setup	Ethernet (10 Base-T / 100 Base-TX)
Process interface	Ethernet (TCP/IP) or RS485
Visualization	Web interface

Mechanical data

Width × Height × Depth	53 mm × 99.5 mm × 38 mm
Material	Housing: Aluminum, Cover glass: PMMA
Weight	250 g

Operating conditions

Operating temperature	+5 ... 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

Photo



Connection (on device)

Electrical connection M12 / 12-pin



1: PWR (18-30 VDC)	7: OUT3
2: Ground	8: IN3
3: IN1 (Trigger)	9: RS485+
4: OUT1	10: IN4
5: IN2	11: IN5
6: OUT2	12: RS485-

Ethernet interface M12 / 4-pin



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





VeriSens® ID-100

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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:
 - Base code + variants Add-On 2, Add-On 5
 - UPC-A, UPC-E:
 - Base code + variants Add-On 2, Add-On 5
 - GS1 DataBar (RSS):
 - Limited, Expanded, Expanded Stacked
 - GS1 DataBar (RSS-14):
 - Base code + variants Truncated, Stacked, Stacked Omnidir
 - GS1 128

Quality evaluation according to ISO / IEC 15416

- Matrix code
- DataMatrix (ECC 200)
 - GS1-DataMatrix
 - QR
 - PDF417

Quality evaluation according to ISO / IEC 15415 or AIM DPM-1-2006

Further features

- User management
- Password protection
- Backup & Restore function

Feature checks

Part location	Geometry	Feature comparison	Identification
			Barcode
			Matrix code