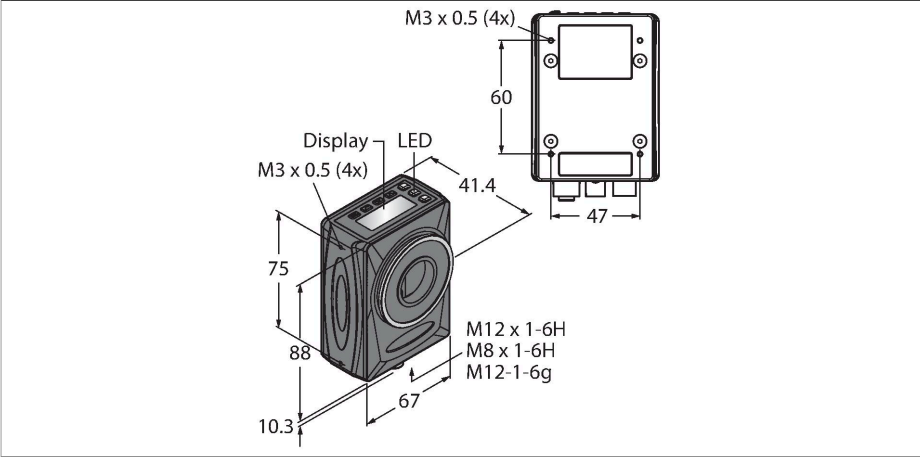


VE202G1C

Barcode Reader — Smart Camera



Technical data

Type	VE202G1C
ID	3810269
Camera data	
Function	Barcode reader - smart camera
Image sensor	1/1.8" CMOS, grayscale value
Resolution	1600 × 1200 pixels
Pixel size	4.5 μm
Frame rate	50 fps
Exposure time	0.02...500 ms
Internal memory	500 MB
Number of inspections	≤ 999
Lens	C-Mount
Electrical data	
Operating voltage U _B	12...30 VDC
DC rated operating current I _e	≤ 400 mA
Short-circuit protection	yes
Reverse polarity protection	yes
Communication protocol	EtherNet/IP Modbus TCP PROFINET
Output function	Input/output programmable, 5 × PNP/ NPN optically decoupled
Power on display	LED, Green
Switching state	LED, Yellow
Error indication	LED, red
Mechanical data	
Design	Rectangular, VE
Dimensions	88 x 67 x 41.4 mm

Features

- Image processing tools: grayscale value, object, edge and positioning functions; pattern, blob, blemish and bead detection
- Identification tools: automatic teach-in, maximum barcode count, 1D barcodes, 2D barcodes, postal barcodes, quality rating
- Analysis tools: mathematical operations and measuring function
- Vision manager software with intuitive user interface
- 1/1.8" CMOS, 2 MP image sensor
- 2-line, 8-segment LCD display with push-buttons
- 5 x PNP/NPN, input/output
- External trigger input
- Connection for external lighting
- Supports Ethernet protocol PROFINET, EtherNet/IP and Modbus/TCP)
- Protection class IP20, IP67 with lens cover (sold separately)
- C-mount lens (sold separately)

Wiring diagram

Dimension drawing	Type	ID	
	RKS12T-2/TXL	6626917	Connection cable, M12 female connector, straight, 12-pin, shielding on coupling nut; cable length: 2 m, jacket material: PUR, black; cULus approval
	RSS RJ45S 841-2M	U8626-2	Extension cable for Industrial Ethernet, M12 male connector to RJ45 male connector, 8-pin, cable length: 2 m, jacket material: TPE, green, shielded, stranded wires, twisted pair

Accessories

Dimension drawing	Type	ID	
	LCF12LEVMP	3097347	C-mount lens, 12 mm focal distance
	VELC60-PC	3097182	Lens cover, length: 60 mm, Window material: Polycarbonate
Kein Maßbild vorhanden/ No dimension drawing available	FLTR635-27	3097530	Bandpass filter red, 27 mm diameter suitable for LCFxxLEVMP lenses
	LEDRRV70XD5-PM	3097364	High-intensity LED ring light, adjustable via potentiometer, for installation and control on a VE smart camera, light color: red
	LEDRRV62X62M	3097378	LED ring light for installation and control on a VE smart camera, light color: red