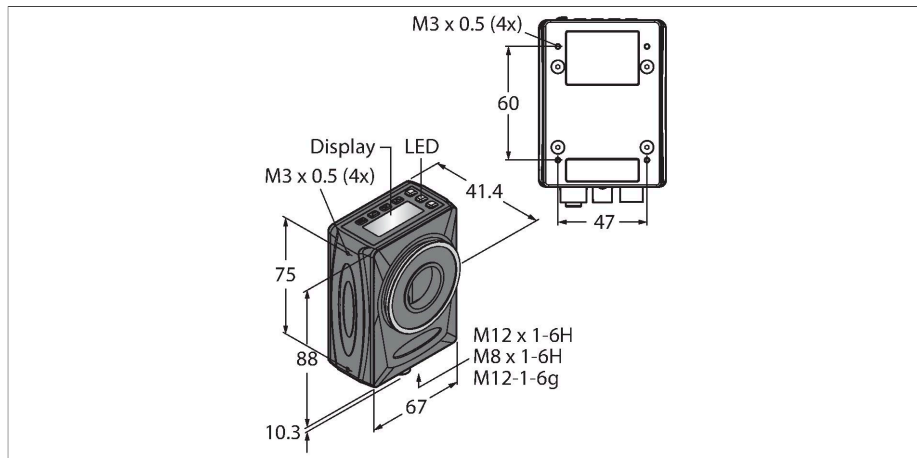


VE201G1A

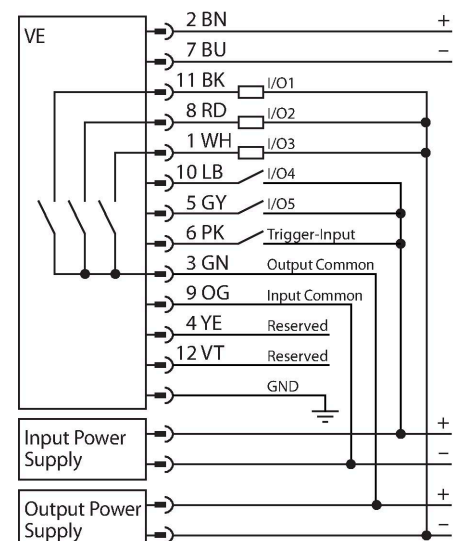
Image Processing – Smart Camera



Features



- Image processing tools: grayscale value, object, edge and positioning functions; pattern, blob, blemish and bead detection
- Analysis tools: mathematical operations and measuring function
- Vision manager software with intuitive user interface
- 1/1.8" CMOS, 1.3 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



Technical data

Type	VE201G1A
ID	3801542
Camera data	
Function	Multifunctional
Resolution	1280 x 1024 Pixels
Pixel size	5.3 µm
Frame rate	60 fps
Exposure time	0.02...500 ms
Internal memory	500 MB
Number of inspections	≤ 999
Lens	C-Mount
Electrical data	
Operating voltage	12...30 VDC
DC rated operational current	≤ 400 mA
Short-circuit protection	yes
Reverse polarity protection	yes
Communication protocol	EtherNet/IP FTP Modbus TCP PCCC PROFINET RS232
Output function	Input/output programmable, 5 x PNP/ NPN optically decoupled
Power on display	LED, Green
Switching state	LED, Yellow
Error indication	LED, red
Mechanical data	
Design	Rectangular, VE

Dimension drawing	Type	ID	
	LEDRRV62X62M	3097378	LED ring light for installation and control on a VE smart camera, light color: red
	VELC60-PC	3097182	Lens cover, length: 60 mm, Window material: Polycarbonate