

## CS 50 BM2-4-ES-G1

### Vision Sensor - CS 50

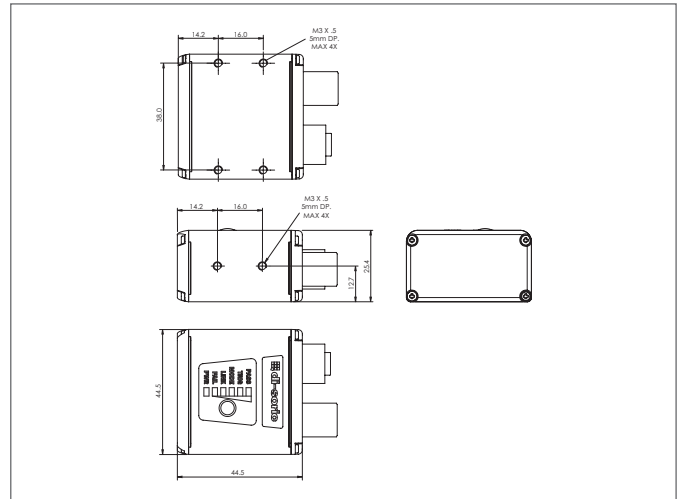


- Highest performance with up to 2520 inspections per minute
- Image export via FTP
- Internal LEDs, filter, polarizer field exchangeable
- Multiple detections and measurements
- Profinet / Ethernet- / TCP-IP / RS 232
- Multi-language and intuitive software
- Shape- and presence detection, positioning counting & logic
- Wear-free autofocus integrated
- Two focal lengths in one unit, switchable via click-zoom
- Compact design and low weight
- Practically unlimited number of jobs possible



#### Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.  
These instruments shall exclusively be used by qualified personnel.



TECHNICAL INFORMATION (typ.)		+20°C, 24V DC
Model		CS 50
Size		44.5 x 44.5 x 25.4 mm (Dimensions)
Design		cuboid design
Number of inputs/outputs		1/3 (binary)
Service voltage		4,75 ... 30 V DC
No-load current		150 mA, (24 V DC)
Control elements		1
Resolution		640 x 480 pixel, global shutter, VGA / sw
Working distance		50 ... 150 mm
Trigger input low level		< 1,0 V (off)
Trigger input high level		> 2,0 V (on)
Switching output		< 100 mA per output, opto-isolated (current limited by user)
Interface		RS 232, Ethernet / TCP / IP, Profinet
Speed of parts		42 Hz
Inspection functions		Shape recognition, Presence, Measurement, Counting, Logic
Features		Internal trigger, External trigger input, PC Software Setup, Logic for user-defined outputs, Highest resolution (640 x 480), Free running
Ambient temperature, operation		0 ... +40 °C
Protection class		IP 65, IP 67
Protection degree		III, operation on protective low voltage
Casing material		Aluminium black
Focal length		16 mm / 32 mm

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TECHNICAL INFORMATION (typ.)		+20°C, 24V DC
Protocols		Ethernet / IP, RS 232, TCP-IP, Profinet
Weight		68 g
Internal lighting		High Power red, replaceable (red / white / blue / IR)
Number of jobs		Unlimited (1,4 GB), 1-255 in operation with ProfiNet
Shutter time		66 ... 58825 µsec