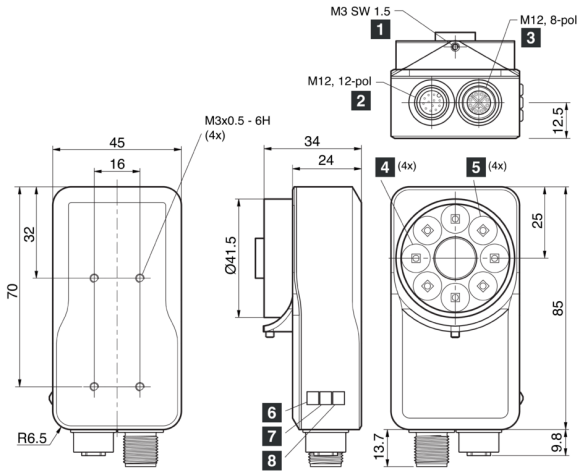
215215
CS62-BM38-EP15/500ID
CS 62 Vision Sensor

- Localization, parts detection, counting, measuring, reading codes, smart camera image processing
- Upgrade option: Reading plain text
- The specialist, compact and high-performance
- High power LED illumination in red and white
- Flexible and productive Software nVision-i
- Parameter changes via linked Profinet inputs during execution
- Simple & intuitive parameterization
- Flexible working distances of 50 - 2,000 mm by changing lenses



1) Lens cover lock
2) A-coded
3) X-coded
4) LED (red)
5) LED (white)
6) LED Trigger (green)
7) LED LAN (yellow)
8) LED Operation (green)

12-pol A-codiert

1	PLC_IN0	7	+UB
2	PLC_IN1	8	GND
3	OUT_2	9	NC
4	OUT_3	10	Trigger IN
5	READY	11	OUT_0
6	COMMON INTERFACE	12	OUT_1

8-pol X-codiert

1	LAN A+	5	LAN D+
2	LAN A-	6	LAN D-
3	LAN B+	7	LAN C-
4	LAN B-	8	LAN C+

Function

PROFINET EtherNet/IP™

Technical data (typ.)	+20°C, 24 V DC
Electrical features	
Service voltage	18 … 30 V DC
No-load current (max.)	1000 mA (24 V DC)
Insulation voltage endurance	500 V
Mechanical features	
Housing material	Aluminum (Black, Anodized)
Material	PMMA (Window / optics)
Lens connection	S-mount
Weight	185 g
Certifications, approvals	
Protection class	III, operation on protective low voltage
Risk group (DIN EN 62471)	Risk group 1
Approvals	UL

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CS 62 Vision Sensor

Technical data (typ.)	+20°C, 24 V DC
General features	
Model	CS 62
Design	Cuboid design
Sensor type	SONY IMX296LLR
Functional scope	
Inspection tasks	Localization, Parts recognition, Counting, Measurement, Read code, Smart camera image processing
Shutter	global
Code type - 1D-Codes (barcodes)	Code 2 of 5, Codabar, Code 128, Code 39, Databar, UPC / EAN, Pharmacode
Code type - 2D-Codes	Aztec Code, Data Matrix, Dotcode, QR
Code type - Stacked codes	PDF 417
Scope of delivery	CS62-BM38-EP15/500ID, O-S1-S-080-40
Internal lights	High power lighting white and red can be switched via software
Output, input, interface	
Switching output	Push-pull, 100 mA
Switching output number	4 (programmable, 1 (Ready))
Voltage drop (max.)	2 V
Interface	Digital Input/Output
Protocols	TCP/IP, FTP/SFTP, Profinet, EtherNet/IP
Optical data	
Color	Red / white switchable (internal)
Focal length	8 mm (exchangeable S-mount lens)
Optical format	1/2.9"
Detection range, measuring range, tolerance limits	
Resolution	1456 x 1088 Pixel (1.6 MP)
Working distance	50.0 … 2000 mm
Display, operation	
Display	LED green - Operation, yellow - DATA-Link yellow - Trigger
Time behavior	
FPS - Frames Per Second (max.)	30 images/second
Flash length	< 2 ms
Ambient conditions	
Ambient temperature during operation	0 … +50 °C
Vibration/shock resistance	10 to 55 Hz / 1.0 mm / 30 g / 11 ms
Protection type	IP 67
Electrical connection	
Connection	Connector, M12, 12-pin (A-coded)
Connection 2	Socket, M12, 8-pin (X-coded)
Cable	Connection cables max. 25 m

More information / accessories	https://www.di-soric.com/215215

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