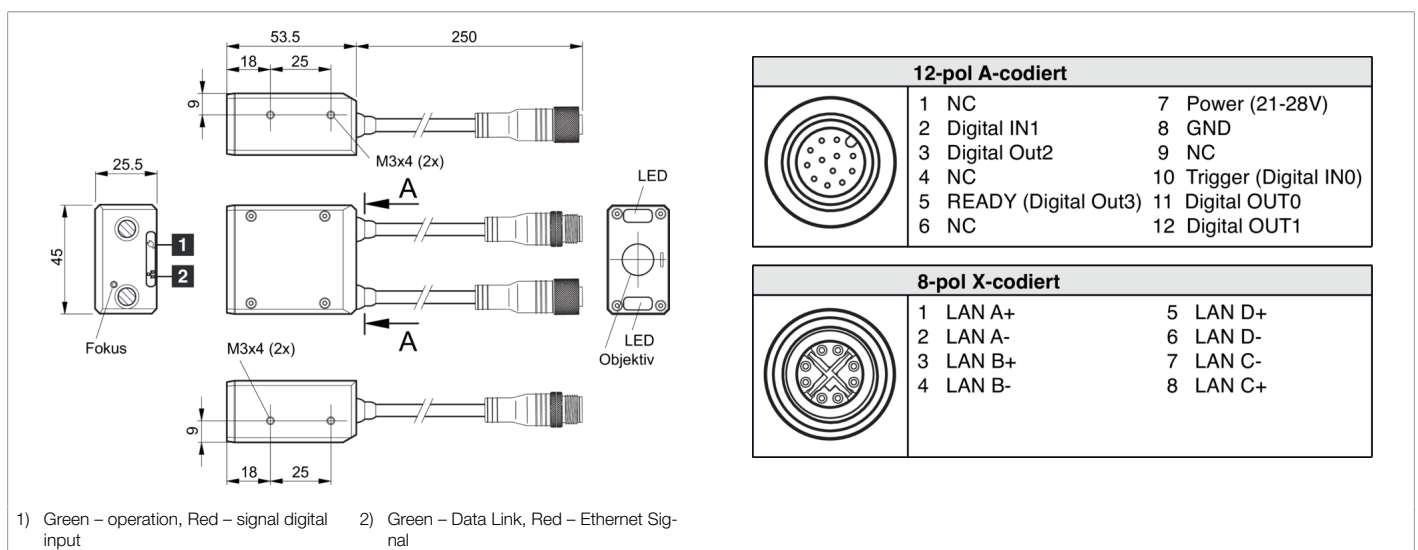




215693 CS52-BM316-EP5/500ID/OCR CS 52 Vision Sensor

- Inspection Tasks at the Level of Smart Cameras
- Localization, parts detection, counting measuring, reading codes and plain text
- Ultra compact & very high-performing
- Internal LED lighting in white
- Flexible and productive Software nVision-i
- Parameter changes via linked Profinet inputs during execution
- Simple & intuitive parameterization
- Integrated lens with 16 mm focal length
- Flexible working distances



Function

PROFI[®] **EtherNet/IP[™]**



Technical data (typ.)

+20°C, 24 V DC

Electrical features

Service voltage	21 ... 28 V DC
No-load current (max.)	1000 mA (24 V DC)
Inverse polarity protection	No
Short-circuit protection	No
Insulation voltage endurance	500 V

Mechanical features

Housing material	Aluminum (Black, powder-coated)
Material	PMMA (Window / optics)
Lens connection	S-mount
Weight	125 g

General features

Model	CS 52
Design	Cuboid design
Sensor type	SONY IMX900



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CS52-BM316-EP5/500ID/OCR
CS 52 Vision Sensor

Technical data (typ.)		+20°C, 24 V DC
Functional scope		
Inspection tasks	Localization, Parts recognition, Counting, Measurement, Read code, Reading plain text, 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	
Internal lights	White	
Output, input, interface		
Switching output	Open Emitter, 50 mA	
Switching output number	3 (programmable, 1 (Ready))	
Voltage drop (max.)	2 V	
Interface	Digital Input/Output	
Protocols	TCP/IP, FTP/SFTP, Profinet, EtherNet/IP	
Optical data		
Color	White (internal)	
Focal length	16 mm	
Detection range, measuring range, tolerance limits		
Resolution	1440 x 1080 Pixel (1.6 MP)	
Time behavior		
Flash length	< 2 ms	
Ambient conditions		
Protection type	IP 50	
Electrical connection		
Connection	Connector, 0.2 m, 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/215693