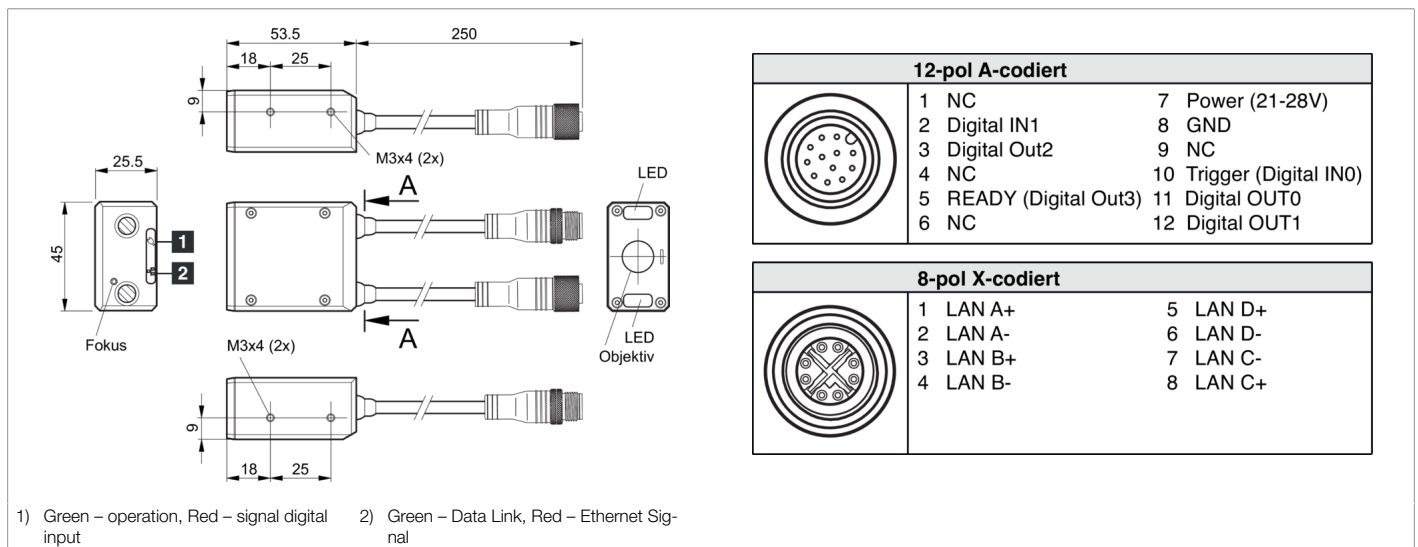




215710 CS52-BM416-EP5/500ID CS 52 Vision Sensor

- Inspection Tasks at the Level of Smart Cameras
- Localization, Part Recognition, Counting, Measurement, and Code Reading
- Upgrade option: Reading 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

PROFINET **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



215710

CS52-BM416-EP5/500ID

CS 52 Vision Sensor

Technical data (typ.)

+20°C, 24 V DC

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
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	2064 x 1552 Pixel (3.2 MP)
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Time behavior

Flash length	< 2 ms
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Ambient conditions

Protection type	IP 50
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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/215710>