



**213358**  
**CS60-BM28-EP15/400**  
**CS 60 Vision Sensor**

- Inspection tasks: Localization, Parts recognition, Counting, Measurement
- Upgrade option: Read 1D and 2D codes
- 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
- Customization option



Technical drawing showing dimensions and component labels:  
 Dimensions: 45, 16, 32, 70, 34, 24, 12.5, 25, 85, 9.2, 12, 11.5, 16.5, 12, 11.5, 12.5.  
 Labels: M3x0.5 - 6H (4x), M12, 12-pol A-codiert, M12, 8-pol X-codiert, LED rot (4x), LED weiss (4x), LED gelb/yellow Trigger, LED gelb/yellow LAN, LED grün/green Betrieb.

12-pol A-codiert		
1	SPS_IN0	7 +UB
2	SPS_IN1	8 GND
3	SPS_OUT_2	9 NC
4	SPS_OUT_3	10 Trigger IN
5	READY	11 SPS_OUT_0
6	COMMON INTERFACE	12 SPS_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										

Technical data (typ.)	+20°C, 24 V DC
Service voltage	18 ... 30 V DC
No-load current (max.)	1.000 mA (24 V DC)
Insulation voltage endurance	500 V
Housing material	Die-cast zinc (Black, powder-coated)
Material	PMMA (Window / optics)
Lens connection	S-mount
Weight	265 g
Protection class	III, operation on protective low voltage
Risk group (DIN EN 62471)	Risk group 1
Model	CS 60
Design	Cuboid design
Type	EV76C541
Inspection tasks	Localization, Parts recognition, Counting, Measurement
Shutter	global
Scope of delivery	CS60-BM28-EP15/400, O-S1-S-080-40, CS60-WINDOW
Internal lights	High power lighting white and red can be switched via software
Switching output	Push-pull, 150 mA
Switching output number	4 (programmable, 1 (Ready))
Voltage drop (max.)	2 V
Interface	<ul style="list-style-type: none"> <li>■ Ethernet</li> <li>■ Digital Input/Output</li> </ul>



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<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Protocols	TCP/IP, FTP/SFTP, Profinet
Color	Red / white switchable (internal)
Focal length	8 mm (exchangeable S-mount lens)
Optical format	1/4"
Resolution	736 x 480 Pixel
Pixel size	4,5 x 4,5 µm
Working distance	50,0 ... 2.000 mm
Display	LED Green - Operation, yellow - DATA-Link yellow - Trigger
FPS - Frames Per Second (max.)	30 images/second
Flash length	< 2 ms
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
Connection	Connector, M12, 12-pin (A-coded)
Connection 2	Socket, M12, 8-pin
Cable	Connection cables max. 25 m
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/213358">https://www.di-soric.com/213358</a></b>