

Barcode Line Scanner

CCD Array

BLN0H1R10

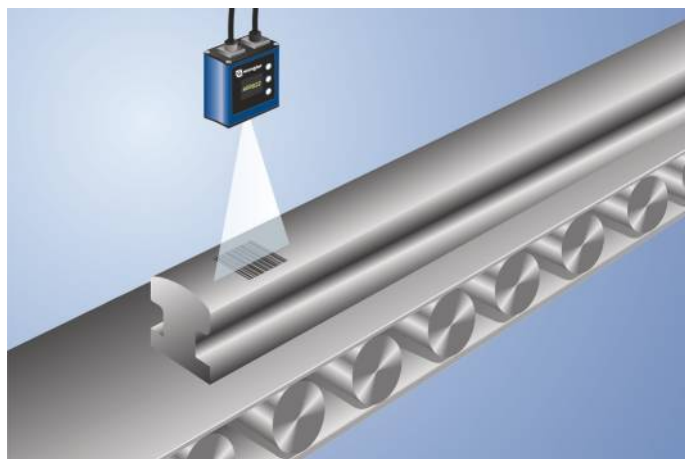
Part Number

Ethernet



- Compact housing
- Ethernet TCP/IP
- LED display indicates "good read"
- Red light
- Web server and graphic display for simple operation

This barcode scanner is suitable for reading 1D codes, which are printed or lasered on glossy materials. Even with slight contrast differences and poor code quality this scanner operates reliably. Readable code types: Standard Code39, Full ASCII Code39, Interleaved 2 of 5, China Postal Code, Codabar, Code32, MSI Plessey Code, Code11, Industrial 2 of 5, Matrix 2 of 5, Telepen Code, UK Plessey Code, IATA Code, Code93, EAN13, EAN8, UPC-A, UPC-E, Code128, UCC/EAN-128, RSS-14, RSSLimited.



Technical Data

Optical Data

Barcode Density	High density
Read Range	10...120 mm
Resolution	0,101 mm
Light Source	Red Light
Wavelength	660 nm
Service Life (T = +25 °C)	100000 h
Max. Ambient Light	7000 Lux
Opening Angle	60 °
Barcode Printing Contrast	> 45 %

Electrical Data

Supply Voltage	18...30 V DC
Port Type	100BASE-TX
Current Consumption (Ub = 24 V)	< 100 mA
Scan Rate	530 scans/sec
Temperature Range	-20...50 °C
Inputs/Outputs	4
Switching Output Voltage Drop	< 2,5 V
PNP Switching Output/Switching Current	100 mA
Short Circuit Protection	yes
Reverse Polarity Protection	yes
Overload Protection	yes
Network Possibilities	Ethernet
Interface	RS-232/Ethernet
Protection Class	III

Mechanical Data

Housing Material	Aluminum
Weight	130 g
Degree of Protection	IP67
Connection	M12 × 1; 8-pin
Type of Connection Ethernet	M12 × 1; 8-pin, X-cod.

Web server yes

Configurable as PNP/NPN/Push-Pull

Switchable to NC/NO

Connection Diagram No.

Control Panel No.

Suitable Connection Equipment No.

Suitable Mounting Technology No.

002 786

X2

50 89

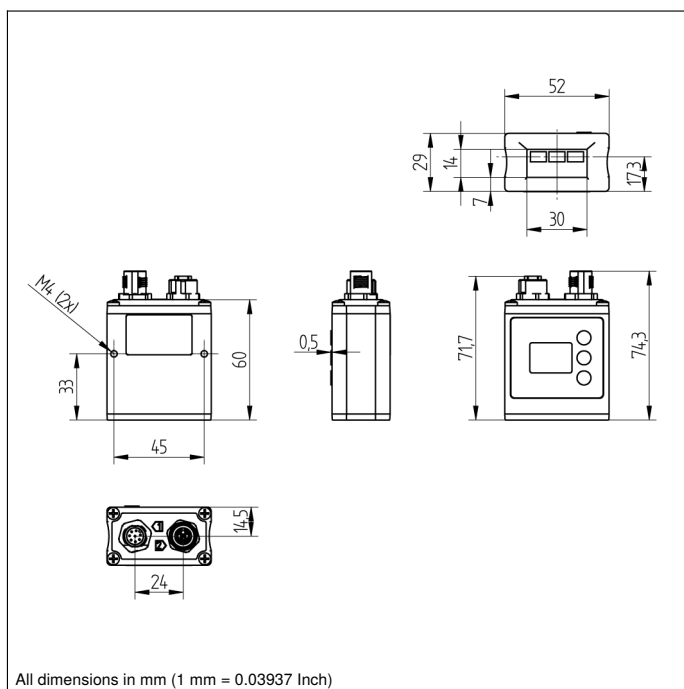
560

Display brightness may decrease with age. This does not result in any impairment of the sensor function.

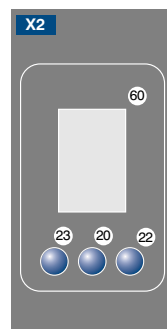
Complementary Products

Fieldbus Gateway ZAGxxxN01, EPGG001

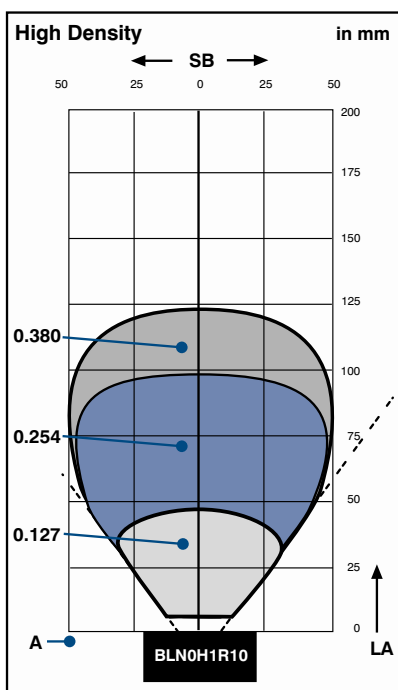
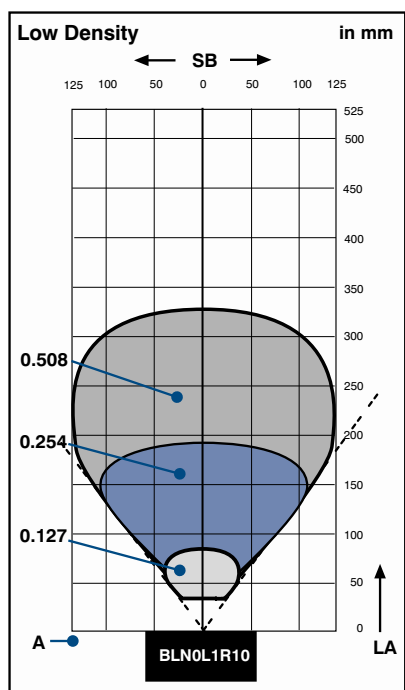
Protective Housing ZNNS001, ZNNS002



Ctrl. Panel



20 = Enter Button
22 = UP Button
23 = Down Button
60 = Display



A = Resolution LA = Read Range SB = Scan Width

