Barcode Line Scanner

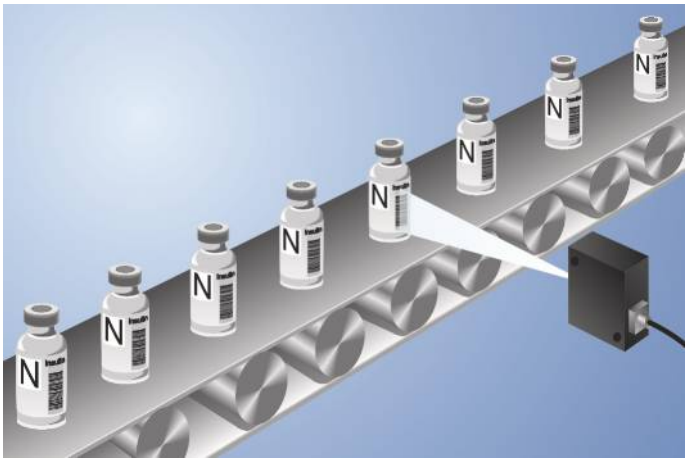
FIS-0003-0103

Part Number



- **Adjustable scanning width**
- **Diagnosis functions**
- **Min. readable barcode density: 0,191 mm**
- **Teach-in**

This barcode scanner is suitable for reading very high density barcodes. An auto-calibration mode can be started with the teach-in key. The scanner automatically adapts the barcode type, the sample rate and the scanning width to the respective application in this operating mode. Thanks to its compact design, the scanner requires only minimal installation space.
Readable code types:
Code39, Code93, Code128, Codabar, Interleaved 2 of 5, Pharmacode, UPC/EAN.

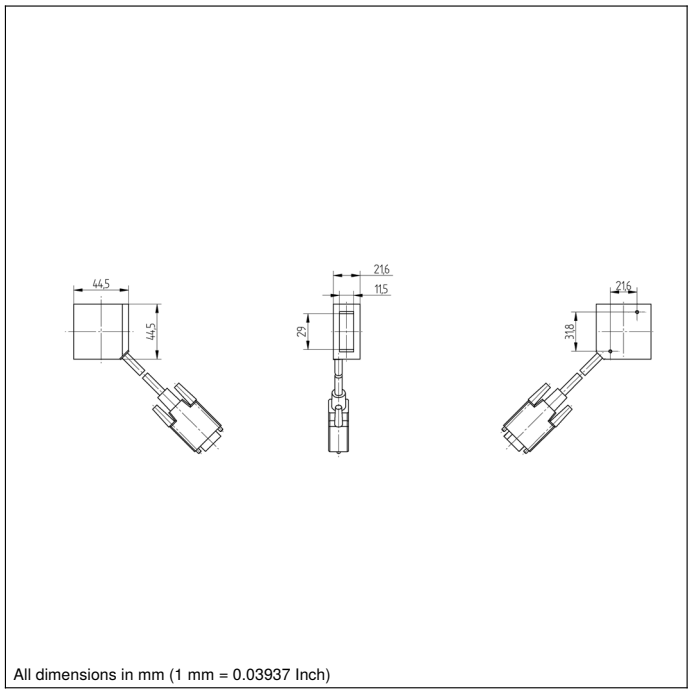


Technical Data

Optical Data	
Barcode Density	Low density
Read Range	51...254 mm
Light Source	Laser (red)
Wavelength	650 nm
Service Life (T = +25 °C)	40000 h
Laser Class (EN 60825-1)	2
Max. Ambient Light	8600 Lux
Opening Angle	70 °
Barcode Printing Contrast	> 25 %
Environmental conditions	
Temperature Range	0...50 °C
Electrical Data	
Supply Voltage	5 V DC
Power Consumption	1300 mW
Scan Rate	350...1000 scans/sec
On-/Off-Delay (RS-232)	0...65 s
Switching Output	TTL
Number of Switching Outputs	3
Switching Output/Switching Current	2 mA
Network Possibilities	Daisy Chain, Multidrop
Interface	RS-232/422/485
Transmission rate	11,52 Kbit/s
Trigger Input	NPN
Signal Input	NPN
Number of Signal Inputs	1
Acoustic signal	yes
FDA Accession Number	9921562-003
Mechanical Data	
Housing Material	Magnesium, colored
Optic Cover	Plastic, PMMA
Degree of Protection	IP54
UL Enclosure Type	1
Connection	SubD 15-pin
Cable Length	900 mm
TTL positive/negative switchable	●
RS-232 Interface	●
RS-422 Interface	●
RS-485 Interface (half duplex)	●
Connection Table No.	09
Control Panel No.	Ba6
Suitable Connection Equipment No.	16 74
Suitable Mounting Technology No.	430

Complementary Products

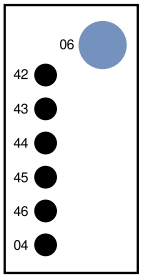
Connection Box AB-0003-1
Fieldbus Gateway ZAGxxxN01, EPGG001
Protective Housing ZSV-0x-01
Software



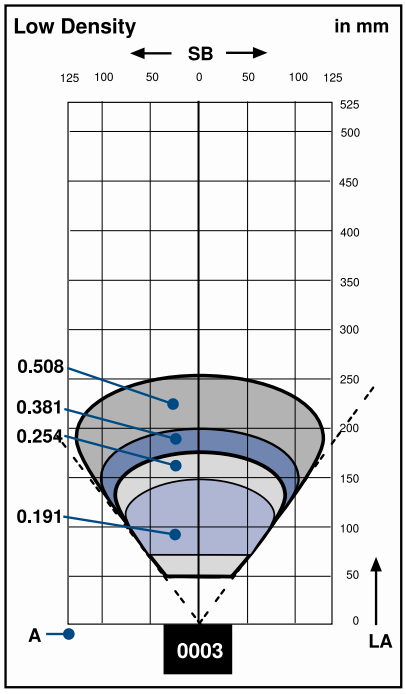
All dimensions in mm (1 mm = 0.03937 Inch)

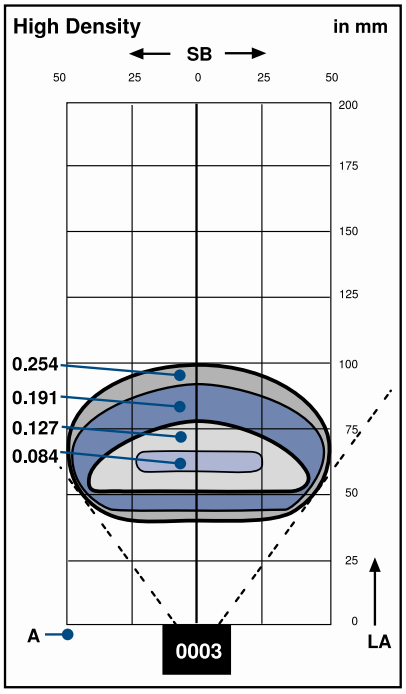
Ctrl. Panel

Ba6



04 = Function Indicator
06 = Teach Button
42 = Reading Performance 100 %/Good Read
43 = Reading Performance 80 %/Status/Trigger
44 = Reading Performance 60 %
45 = Reading Performance 40 %
46 = Reading Performance 20 %





A = Resolution SB = Scan Width LA = Read Range

Specifications are subject to change without notice V2-17.04.2025