

1D/2D Code Scanner

FIS-6300-1100

Part Number



- Application in ESD areas
- Autofocus
- Compact housing
- Teach-in

Technical Data

Optical Data

Density	Ultra high density
Read Range	46...196 mm
Resolution	1280 × 1024 Pixel
Light Source	Red Light
Wave Length	617 nm
Service Life (T = +25 °C)	40000 h
Max. Ambient Light	3000 Lux
Barcode Label Contrast	> 20 %

Electrical Data

Supply Voltage	5 V DC
Power Consumption	2200 mW
Scan Rate	10 scans/sec
On-/Off-Delay (RS-232)	2,55 s
Temperature Range	0...40 °C
Switching Output	TTL
Switching Outputs	3
Switching Output/Switching Current	10 mA
Network Possibilities	Daisy Chain, Multidrop
Interface	RS-232/422/485
Baud Rate	115200 Bd
Trigger Input	NPN
Signal Input	NPN
Number of Signal Inputs	1
Acoustic signal	yes

Mechanical Data

Housing Material	Aluminum, nickel-plated
Weight	57 g
Degree of Protection	IP54
Connection	SubD 15-pin

TTL positive/negative switchable

Connection Table No.

09

Control Panel No.

Ba6

Suitable Connection Technology No.

16 | 74

Suitable Mounting Technology No.

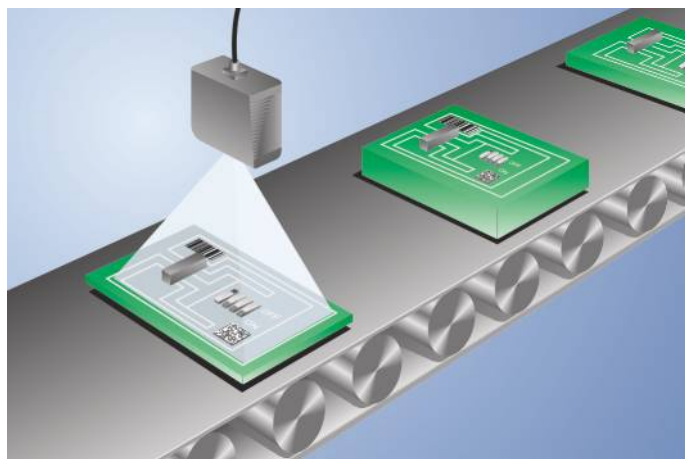
430

These 2D code scanners are suitable for omnidirectional scanning of 1D and 2D codes. The following code types can be processed:

1D codes: Code39, Code128, UPC/EAN, IBM BC412, Interleaved 2 of 5

2D codes: DataMatrix ECC 0...200, PDF417, QR-Code, RSS family

Additional code types upon request.



Complementary Products

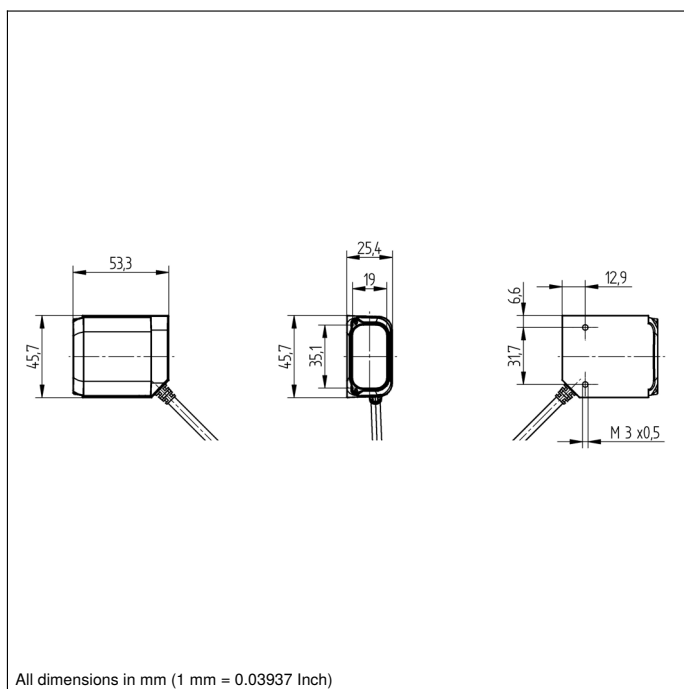
Connection Box AB-0003-1

ESP software DNNF002

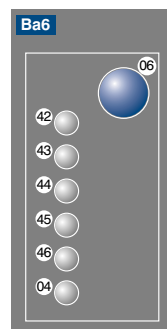
Feldbus Gateways ZAGxxxN01, EPGG001

Path-folding mirror LA26

Protection Housing ZSV-0x-01



Ctrl. Panel



- 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 %

Min. Resolution		Max. Visual Field	Read Range
1D	2D		
Ultra High Density			
0.08 mm	0.13 mm	56 45 mm	51 mm to 112 mm
0.19 mm	0.25 mm	91 73 mm	46 mm to 170 mm
0.38 mm	0.51 mm	102 82 mm	48 mm to 196 mm
High Density			
0.13 mm	0.19 mm	79 63 mm	38 mm to 152 mm
0.19 mm	0.25 mm	107 86 mm	30 mm to 178 mm
0.38 mm	0.51 mm	142 114 mm	23 mm to 229 mm
Medium Density			
0.13 mm	0.19 mm	81 65 mm	46 mm to 89 mm
0.19 mm	0.25 mm	107 86 mm	41 mm to 127 mm
0.25 mm	0.38 mm	173 138 mm	36 mm to 191 mm
0.51 mm	0.76 mm	241 193 mm	25 mm to 254 mm

