

1D/2D Code Scanner

FIS-0004-0101

Part Number



- For static applications
- High depth of focus
- Teach-in

Technical Data

Optical Data

Barcode Density	Medium density
Read Range	36...132 mm
Resolution	640 x 480 Pixel
Light Source	Red Light
Wavelength	617 nm
Service Life (T = +25 °C)	40000 h
Max. Ambient Light	3000 Lux
Barcode Printing Contrast	> 20 %

Electrical Data

Supply Voltage	5 V DC
Power Consumption	1970 mW
Scan Rate	10 scans/sec
On-/Off-Delay (RS-232)	2,55 s
Temperature Range	0...40 °C
Switching Output	TTL
Number of 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
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 Equipment No.

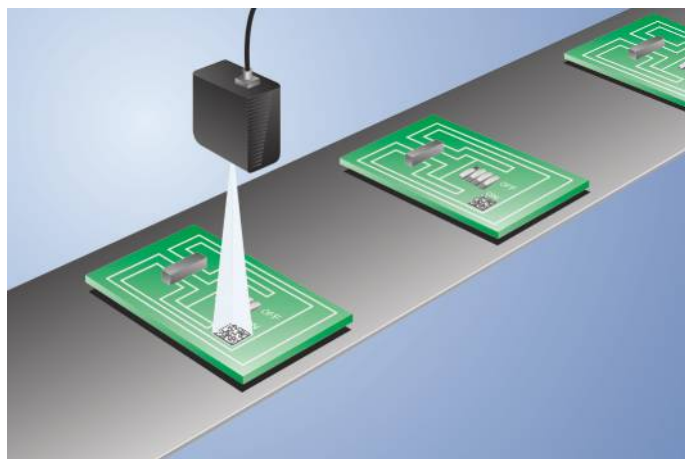
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Suitable Mounting Technology No.

430

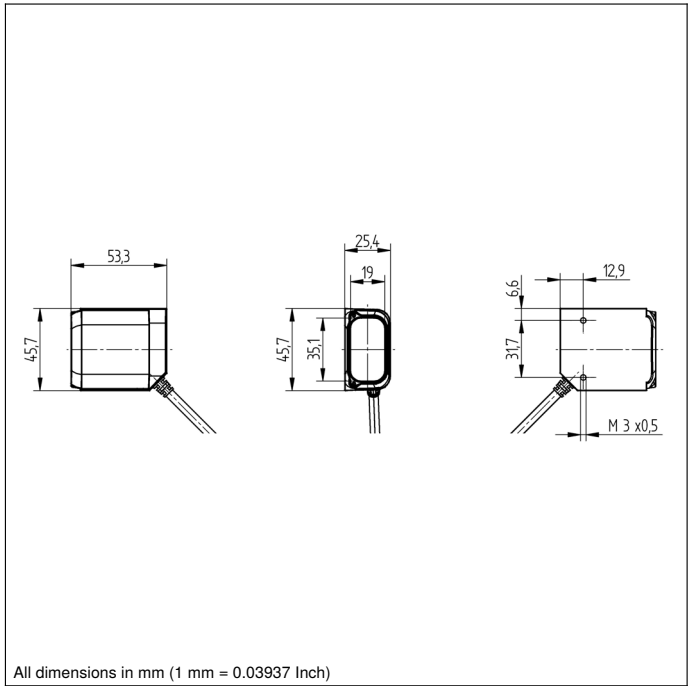
These 2D code scanners are suitable for omnidirectional scanning of 1D and 2D codes. The following code types can be processed:

Code39, Code128, Code93, UPC/EAN, IBM BC412, Interleaved 2 of 5, Codabar, DataMatrix, PDF417, QR-Code, RSS family, Micro PDF.



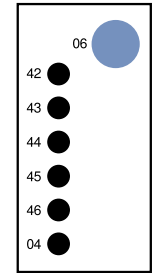
Complementary Products

Connection Box AB-0003-1
Fieldbus Gateway ZAGxxxN01, EPGG001
Path-Folding Mirror LA26
Protective Housing ZSV-0x-01
Software



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 %

Min. Resolution		Max. Visual Field	Read Range
1D	2D		
Medium Density			
0.19 mm	0.25 mm	61 × 46 mm	51 mm to 102 mm
0.25 mm	0.38 mm	66 × 50 mm	43 mm to 119 mm
0.38 mm	0.51 mm	71 × 53 mm	36 mm to 132 mm
Low Density			
0.25 mm	0.38 mm	107 × 80 mm	89 mm to 114 mm
0.38 mm	0.51 mm	127 × 95 mm	69 mm to 127 mm
0.51 mm	0.76 mm	147 × 110 mm	51 mm to 152 mm

