

1D/2D Code Scanner

C5PC112

Part Number

IndustrialEthernet



- Auto-button function
- Integrated code reconstruction
- Integrated LED illumination
- PROFINET and EtherNet/IP™
- Web link

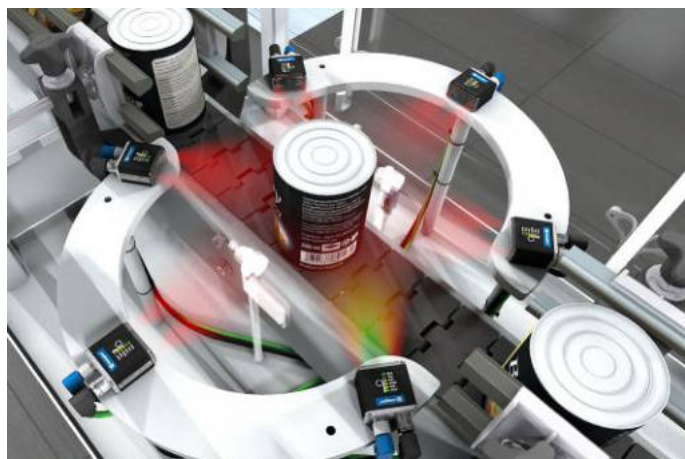
These 2D code scanners are suitable for omnidirectional scanning of 1D and 2D codes.

The following code types can be processed:

1D codes: Code39, Code93, Code128, UPC/EAN, BC412, Interleaved 2 of 5, Codabar, Postal Codes, Pharmacode

2D codes: DataMatrix ECC 0...200, PDF417, Micro PDF417, QR-Code, Micro QR-Code, Aztec Code, GS1 Databar, Dot code

Additional code types upon request.



Technical Data

Optical Data

Barcode Density	Long range
Read Range	50...1200 mm
Resolution	1280 × 960 Pixel
Light Source	Red Light
Wavelength	617 nm
Focus	Autofocus
min. Resolution	> 0,051 mm

Electrical Data

Supply Voltage	5...30 V DC
Current Consumption (U _b = 24 V)	180 mA
Scan Rate	42 scans/sec
Temperature Range	0...45 °C
Switching Output	Optoisolator
Number of Switching Outputs	3
Switching Output/Switching Current	< 100 mA
Reverse Polarity Protection	yes
Interface	RS-232/Ethernet
Trigger Input	Optoisolator
Signal Input	Optoisolator
Number of Signal Inputs	3

Mechanical Data

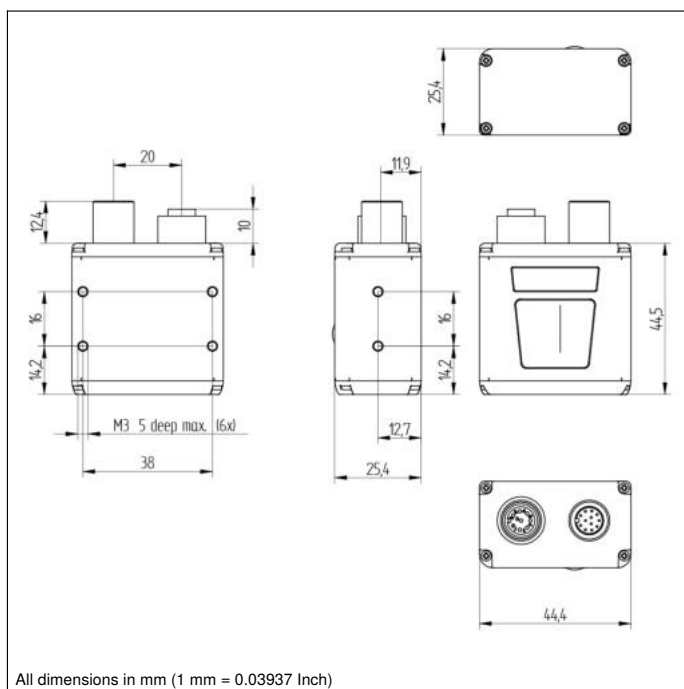
Setting Method	Ethernet
Housing Material	Metal
Weight	68 g
Degree of Protection	IP65/IP67
Connection	M12 × 1; 12-pin
Type of Connection Ethernet	M12 × 1; 8-pin

PNP NO/NC switchable	●
NPN NO/NC switchable	●
Ethernet	●
PROFINET-I/O, CC-B	●
EtherNet/IP™	●

Connection Table No.	39
Control Panel No.	A24
Suitable Connection Equipment No.	87
Suitable Mounting Technology No.	430

Complementary Products

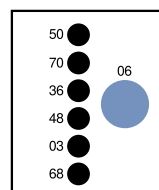
Connection Cable ZCYV00x
ESD protective screen ZNNG056
Optical Diffuser ZNNG054
Path-Folding Mirror ZNNG028
Polarization Filter ZNNG055
Protective Housing ZSV-0x-01
Replacement Disc ZNNG053
Software
YAG filter ZNNG057



All dimensions in mm (1 mm = 0.03937 Inch)

Ctrl. Panel

A24



03 = Error Indicator
06 = Teach Button
36 = Mode Indicator
48 = Network Status
50 = Good Read
68 = supply voltage indicator
70 = Run/Trigger

Distance	Max. Field of View	Min. Resolution	Read Range	
			1D	2D
75 mm	24 × 18 mm	0,051 mm	100...125 mm	–
100 mm	31 × 23 mm	0,064 mm	100...140 mm	100...120 mm
200 mm	60 × 45 mm	0,084 mm	100...190 mm	100...150 mm
300 mm	89 × 67 mm	0,127 mm	100...280 mm	100...210 mm
400 mm	118 × 88 mm	0,191 mm	100...450 mm	100...310 mm
500 mm	147 × 110 mm	0,254 mm	100...600 mm	100...420 mm
600 mm	176 × 132 mm	0,381 mm	100...900 mm	100...680 mm
700 mm	204 × 153 mm	0,508 mm	100...1200 mm	100...900 mm
800 mm	233 × 175 mm	0,762 mm	100...1500 mm	100...1300 mm
900 mm	262 × 197 mm	1,016 mm	100...1500 mm	100...1500 mm
1000 mm	291 × 218 mm			
1200 mm	349 × 262 mm			
1300 mm	378 × 283 mm			
1400 mm	407 × 305 mm			
1500 mm	436 × 327 mm			

