

1D/2D Code Scanner

C5PC009

Part Number

IndustrialEthernet



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

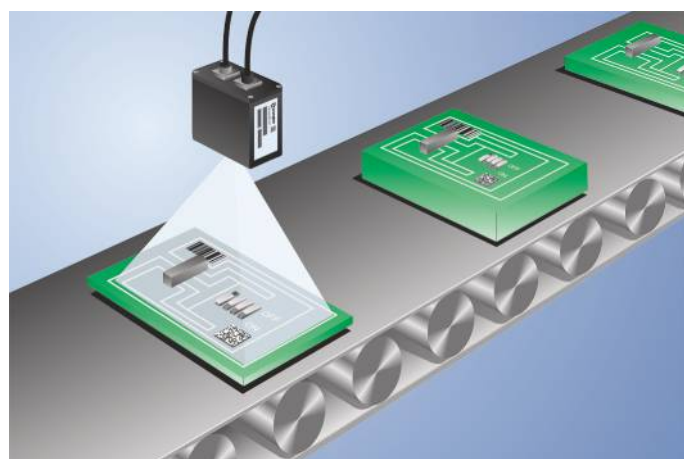
These 2D code scanners are suitable for omnidirectional scanning of 1D and 2D codes.

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.

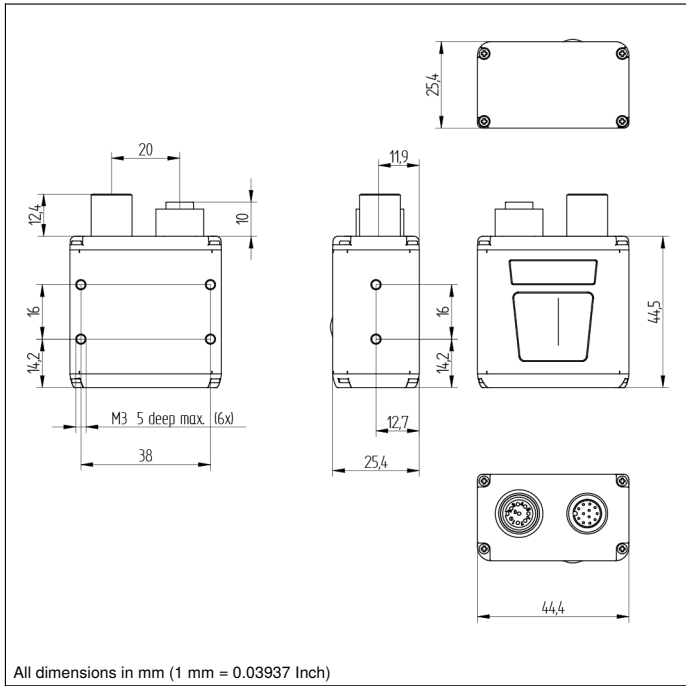


Technical Data

Optical Data	
Barcode Density	Ultra high density
Read Range	75...1200 mm
Resolution	1280 × 960 Pixel
Light Source	Red Light
Wavelength	617 nm
Service Life (T = +25 °C)	50000 h
min. Resolution	0,127 mm
Electrical Data	
Supply Voltage	5...30 V DC
Current Consumption (Ub = 24 V)	150 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
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

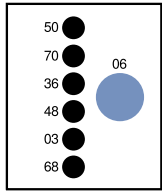
Complementary Products

Connection Cable ZCYV00x
Connection cable ZDCG005
Path-Folding Mirror ZNNG028
Protective Housing ZSV-0x-01
Software
ZC4G002 connection cable
ZC4G003 connection cable
ZNNG029 Replacement disc
ZNNG030 Optical diffuser
ZNNG031 Polarization filter



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

Object Distance	Max. Field of View	Min. Resolution	Read Range	
			1D	2D
75 mm	22 mm × 16 mm			
100 mm	29 mm × 22 mm	0,063 mm	75...135 mm	75...95 mm
200 mm	59 mm × 44 mm	0,084 mm	75...180 mm	75...125 mm
300 mm	88 mm × 66 mm	0,127 mm	75...310 mm	75...220 mm
400 mm	117 mm × 88 mm	0,190 mm	75...465 mm	75...350 mm
500 mm	146 mm × 110 mm	0,254 mm	75...615 mm	75...480 mm
600 mm	176 mm × 132 mm	0,381 mm	75...925 mm	75...725 mm
700 mm	205 mm × 154 mm	0,508 mm	75...1225 mm	75...970 mm
800 mm	234 mm × 176 mm			
900 mm	263 mm × 198 mm			
1000 mm	293 mm × 220 mm			
1100 mm	322 mm × 241 mm			
1200 mm	351 mm × 263 mm			

