

1D/2D Code Scanner

C5PC120

Part Number

IndustrialEthernet



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

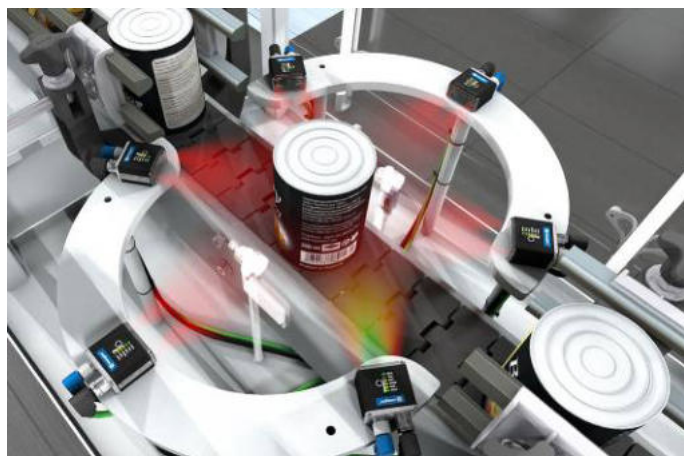
These 2D code scanners are suitable for omnidirectional scanning of 1D and 2D codes.

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	Standard density
Read Range	50...300 mm
Resolution	2592 × 1944 Pixel
Light Source	White Light
Wavelength	617 nm
Focus	Autofocus
min. Resolution	> 0,064 mm

Electrical Data

Supply Voltage	5...30 V DC
Current Consumption (U _b = 24 V)	180 mA
Scan Rate	5 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

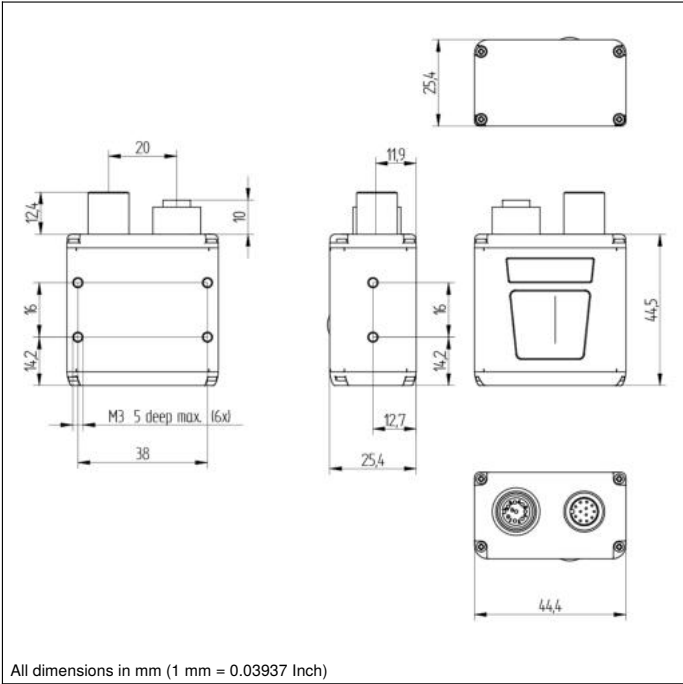
Setting Method	Ethernet
Housing Material	Metal
Weight	68 g
Degree of Protection	IP65/IP67
Connection	M12 × 1; 12-pin
Type of Connection Ethernet	M12 × 1; 8-pin

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

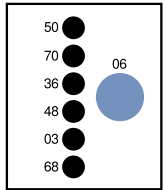
Complementary Products

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



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
50 mm	52 × 39 mm	0,064 mm	50 mm	–
100 mm	98 × 73 mm	0,084 mm	50...64 mm	50 mm
150 mm	144 × 107 mm	0,127 mm	50...102 mm	50...81 mm
200 mm	190 × 142 mm	0,191 mm	50...190 mm	50...133 mm
250 mm	236 × 176 mm	0,254 mm	50...250 mm	50...190 mm
300 mm	282 × 210 mm	0,381 mm	50...300 mm	50...280 mm
		0,508 mm	50...400 mm	50...380 mm