1D/2D Code Scanner

C5PC001
Part Number

- ● **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.
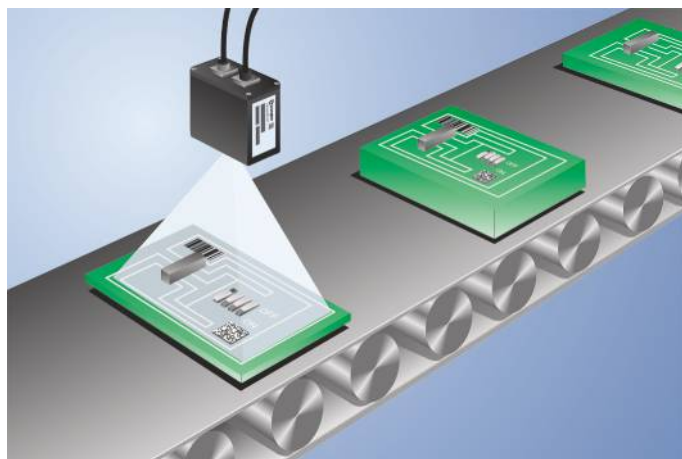
Technical Data

| Optical Data	
Read Range	> 375 mm
Resolution	1280 × 960 Pixel
Light Source	Red Light
Wavelength	617 nm
Service Life (T = +25 °C)	50000 h
X-Dimension	110 mm
Y-Dimension	80 mm
min. Resolution	> 0,195 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

1D/2D and Barcode Scanners

All dimensions in mm (1 mm = 0.03937 Inch)
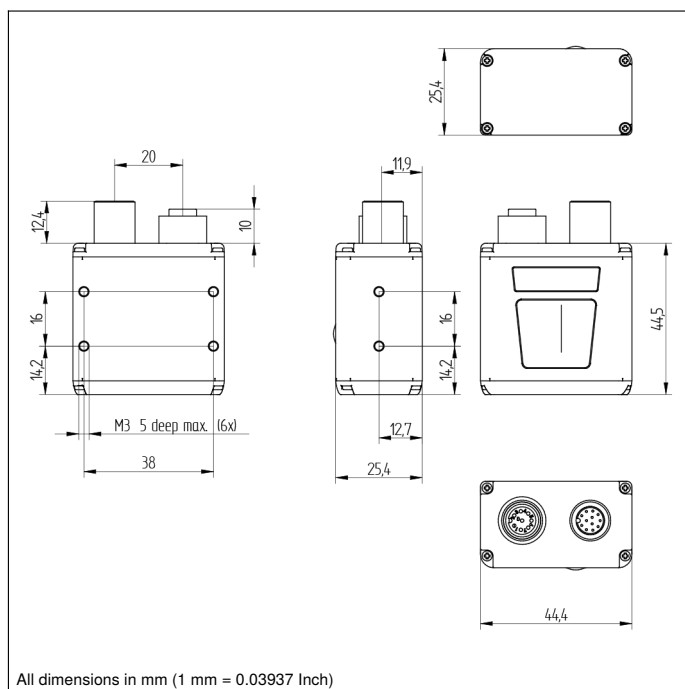
Ctrl. Panel

A24
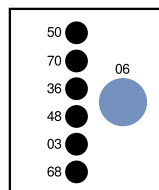
03 = Error Indicator
06 = Teach Button
36 = Mode Indicator
48 = Network Status
50 = Good Read
68 = supply voltage indicator
70 = Run/Trigger