

1D/2D Code Scanner

C5PC003

Part Number



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

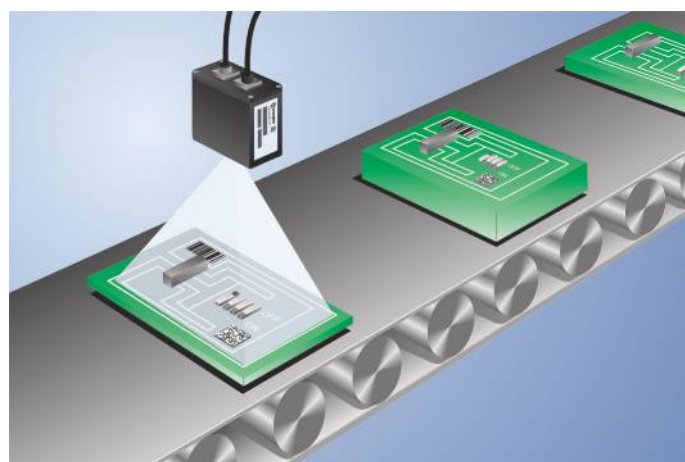
These 2D code scanners are suitable for omnidirectional scanning of 1D and 2D codes.

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.



IndustrialEthernet

Technical Data

Optical Data

Barcode Density	High density
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

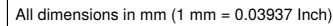
Setting Method	Ethernet
Housing Material	Metal
Weight	68 g
Degree of Protection	IP65
Connection	M12 × 1; 12-pin
Type of Connection Ethernet	M12 × 1; 8-pin

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

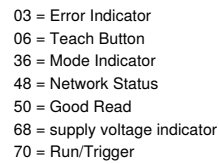
Connection Table No.	39
Control Panel No.	A24
Suitable Connection Equipment No.	87
Suitable Mounting Technology No.	430

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



A24



Object Distance	Max.Field of View	Min.Resolution	Read Range	
50	36,5 × 27,4 mm		1D	2D
64	46,0 × 34,5 mm	0,050 mm	45...62 mm	—
81	57,2 × 42,9 mm	0,084 mm	45...107 mm	45...56 mm
102	71,4 × 53,6 mm	0,127 mm	45...165 mm	45...88 mm
133	90,5 × 67,9 mm	0,190 mm	45...252 mm	45...135 mm
190	127,0 × 95,3 mm	0,254 mm	45...300 mm	45...182 mm
300	198,4 × 148,8 mm	0,381 mm	45...300 mm	45...280 mm