

# 1D/2D Code Scanner

## C5PC005

Part Number



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

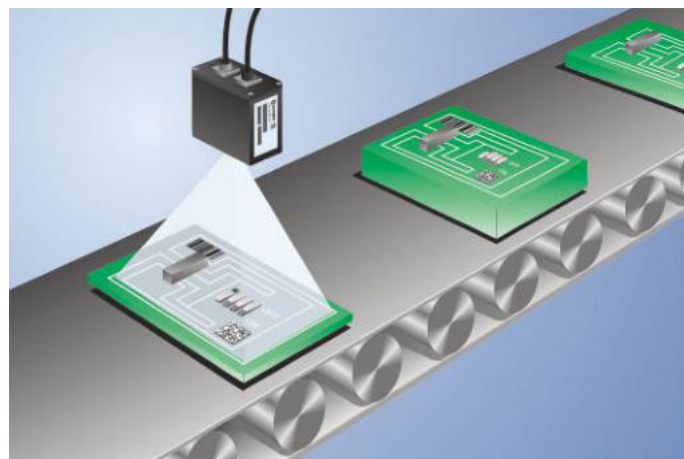
These 2D code scanners are suitable for omnidirectional scanning of 1D and 2D codes.

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                | 752 × 480 Pixel |
| Light Source              | Red Light       |
| Wavelength                | 617 nm          |
| Service Life (T = +25 °C) | 50000 h         |
| min. Resolution           | 0,08 mm         |

#### Electrical Data

|                                    |                 |
|------------------------------------|-----------------|
| Supply Voltage                     | 5...30 V DC     |
| Current Consumption (Ub = 24 V)    | 150 mA          |
| Scan Rate                          | 60 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

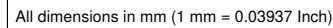
|                             |                 |
|-----------------------------|-----------------|
| Setting Method              | Ethernet        |
| Housing Material            | Metal           |
| Weight                      | 68 g            |
| Degree of Protection        | IP65            |
|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

|                      |   |
|----------------------|---|
| PNP NO/NC switchable | ● |
| NPN NO/NC switchable | ● |
| Ethernet             | ● |
| PROFINET             | ● |
| EtherNet/IP™         | ● |

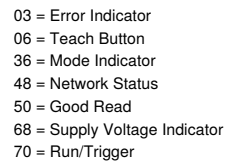
|                                   |     |
|-----------------------------------|-----|
| Connection Table No.              | 39  |
| Control Panel No.                 | A24 |
| Suitable Connection Equipment No. | 87  |
| Suitable Mounting Technology No.  | 430 |

### Complementary Products

|                              |
|------------------------------|
| Connection Cable ZCYV00x     |
| Optical Diffuser ZNNG030     |
| Path-Folding Mirror ZNNG028  |
| Polarization Filter ZNNG031  |
| Protective Housing ZSV-0x-01 |
| Replacement Disc ZNNG029     |
| Software                     |



## A24



| Objekt Abstand | Max. Sichtfeld   | Min. Auflösung | Leseabstand |             |
|----------------|------------------|----------------|-------------|-------------|
| 50             | 33,5 × 21,5 mm   |                | 1D          | 2D          |
| 64             | 42,0 × 26,5 mm   | 0,084 mm       | 45...64 mm  | —           |
| 81             | 52,5 × 33,0 mm   | 0,127 mm       | 45...102 mm | 45...52 mm  |
| 102            | 65,0 × 41,0 mm   | 0,190 mm       | 45...156 mm | 45...82 mm  |
| 133            | 84,5 × 53,5 mm   | 0,254 mm       | 45...210 mm | 45...112 mm |
| 190            | 119,5 × 75,0 mm  | 0,381 mm       | 45...300 mm | 45...170 mm |
| 300            | 187,0 × 117,0 mm | 0,508 mm       | 45...300 mm | 45...230 mm |