



## Bar code scanners CLP100

CLP100-2110



**Model Name** > [CLP100-2110](#)  
**Part No.** > [1018334](#)



#### At a glance

- Outstanding reading performance at short reading distances
- Short capture time thanks to high scanning frequency
- Integrated result output to control operations by the use of Good Read or No Read signal
- Easy configuration supported by a Windows based Set-up software

#### Your benefits

- Easy integration even in systems with limited space thanks to its compact design
- The short reading distance enables a high density of components to be installed in small systems



#### Features

|                                        |                            |
|----------------------------------------|----------------------------|
| Connection type:                       | Standard                   |
| Reading field:                         | Side (105 °)               |
| Scanner design:                        | CCD scanner                |
| Focus:                                 | Fixed focus                |
| Light source:                          | Visible red light (630 nm) |
| Code resolution:                       | 0.15 mm ... 1 mm           |
| Reading distance (at code resolution): | 25 mm ... 55 mm (1 mm)     |
| Reading field (at distance):           | 80 mm (40 mm )             |
| Scanning frequency:                    | ≤ 500 Hz                   |

#### Performance

|                 |                                                     |
|-----------------|-----------------------------------------------------|
| Bar code types: | Interleaved 2 of 5, Codabar, Code 128, Code 39, EAN |
|-----------------|-----------------------------------------------------|

#### Interfaces

|                                           |                            |
|-------------------------------------------|----------------------------|
| Serial (RS-232):                          | ✓                          |
| Function (Serial (RS-232)):               | Host                       |
| Data transmission rate (Serial (RS-232)): | 1,200 Baud ... 19,200 Baud |
| Ethernet:                                 | -                          |
| CAN bus:                                  | -                          |
| PROFIBUS DP:                              | -                          |
| EtherCAT:                                 | -                          |
| DeviceNet:                                | -                          |
| Connector:                                | Open                       |

Optical indicators: 1 LED (red/green)

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**Mechanics/electronics**

|                    |                              |
|--------------------|------------------------------|
| Operating voltage: | ≤ 5 V DC                     |
| Power consumption: | 2 W                          |
| Housing:           | Metal                        |
| Housing color:     | Light blue (RAL 5012)        |
| Enclosure rating:  | IP 40                        |
| Weight:            | 200 g, with connecting cable |
| Dimensions:        | 48 mm x 56 mm x 22 mm        |

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**Ambient data**

|                                      |                        |
|--------------------------------------|------------------------|
| Electromagnetic compatibility (EMC): | IEC 801                |
| Ambient operating temperature:       | 0 °C ... 40 °C         |
| Storage temperature:                 | -20 °C ... 70 °C       |
| Permissible relative humidity:       | ± 85 %, non-condensing |
| Ambient light safety:                | 2,000 lx, on bar code  |

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