



## Bar code scanners CLP100

CLP100-2010



**Model Name** > [CLP100-2010](#)  
**Part No.** > [1018332](#)



**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
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**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:	9-pin D-Sub socket

Optical indicators: 1 LED (red/green)

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**Mechanics/electronics**

Operating voltage:  $\leq 5$  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:  $\pm 85$  %, non-condensing  
Ambient light safety: 2,000 lx, on bar code

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