



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:	25 mm ... 55 mm ¹⁾
Reading field (at distance):	80 mm (40 mm)
Scanning frequency:	≤ 500 Hz

¹⁾ For details see reading field diagram

Performance

Bar code types:	Interleaved 2 of 5, Codabar, Code 128, Code 39, UPC/GTIN/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: -
Optical indicators: 1 LED (red/green)

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

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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