



# CLP100-0010

CLP100

**BAR CODE SCANNERS**

**SICK**  
Sensor Intelligence.

### Ordering information



Type	Part no.
CLP100-0010	1018331

Other models and accessories → [www.sick.com/CLP100](http://www.sick.com/CLP100)



### Detailed technical data

#### Features

<b>Connection type</b>	Standard
<b>Reading field</b>	Front
<b>Scanner design</b>	CCD scanner
<b>Focus</b>	Fixed focus
<b>Light source</b>	Visible red light (630 nm)
<b>Scanning frequency</b>	≤ 500 Hz
<b>Code resolution</b>	0.15 mm ... 1 mm
<b>Reading distance</b>	25 mm ... 55 mm <sup>1)</sup>

<sup>1)</sup> For details see reading field diagram.

#### Performance

<b>Bar code types</b>	Code 39, Code 128, Codabar, UPC / GTIN / EAN, Interleaved 2 of 5
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#### Interfaces

<b>Serial</b>	✓, RS-232
Function	Host
Data transmission rate	1,200 Baud ... 19,200 Baud
<b>Optical indicators</b>	1 LED (red/green)

#### Mechanics/electronics

<b>Electrical connection</b>	1 x 9-pin D Sub female connector
<b>Operating voltage</b>	≤ 5 V DC
<b>Power consumption</b>	2 W
<b>Housing</b>	Metal
<b>Housing color</b>	Light blue (RAL 5012)
<b>Enclosure rating</b>	IP40
<b>Weight</b>	200 g, with connecting cable
<b>Dimensions (L x W x H)</b>	48 mm x 56 mm x 22 mm

#### Ambient data

<b>Electromagnetic compatibility (EMC)</b>	IEC 801
<b>Ambient operating temperature</b>	0 °C ... +40 °C

<b>Storage temperature</b>	-20 °C ... +70 °C
<b>Permissible relative humidity</b>	± 85 %, Non-condensing
<b>Ambient light immunity</b>	2,000 lx, on bar code

## Classifications

<b>ECI@ss 5.0</b>	27280102
<b>ECI@ss 5.1.4</b>	27280102
<b>ECI@ss 6.0</b>	27280102
<b>ECI@ss 6.2</b>	27280102
<b>ECI@ss 7.0</b>	27280102
<b>ECI@ss 8.0</b>	27280102
<b>ECI@ss 8.1</b>	27280102
<b>ECI@ss 9.0</b>	27280102
<b>ETIM 5.0</b>	EC002550
<b>ETIM 6.0</b>	EC002550
<b>UNSPSC 16.0901</b>	43211701

## SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

## WORLDWIDE PRESENCE:

Contacts and other locations –[www.sick.com](http://www.sick.com)