



CLP100-0010

CLP100

FIXED MOUNT BARCODE SCANNERS

SICK
Sensor Intelligence.

Ordering information



Type	part no.
CLP100-0010	1018331

Other models and accessories → www.sick.com/CLP100

Detailed technical data

Features

Connection type	Standard
Reading field	Front
Scanner design	CCD scanner
Optical focus	Fixed focus
Light source	Light spot, laser, Visible, Red, 630 nm
Reading distance	25 mm ... 55 mm ¹⁾
Scanning frequency	≤ 500 Hz
Code resolution	0.15 mm ... 1 mm

¹⁾ For details see reading field diagram.

Mechanics/electronics

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

Performance

Readable code structures	1D codes
Bar code types	Code 39, Code 128, Codabar, UPC / GTIN / EAN, Interleaved 2 of 5

Interfaces

Serial	✓, RS-232
Function	Data interface (read result output)
Data transmission rate	1,200 Baud ... 19,200 Baud
Optical indicators	1 LED (red/green)

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 immunity	2,000 lx, on barcode

Classifications

ECLASS 5.0	27280102
ECLASS 5.1.4	27280102
ECLASS 6.0	27280102
ECLASS 6.2	27280102
ECLASS 7.0	27280102
ECLASS 8.0	27280102
ECLASS 8.1	27280102
ECLASS 9.0	27280102
ECLASS 10.0	27280102
ECLASS 11.0	27280102
ECLASS 12.0	27280102
ETIM 5.0	EC002550
ETIM 6.0	EC002550
ETIM 7.0	EC002550
ETIM 8.0	EC002550
UNSPSC 16.0901	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