

CLV 410

Bar Code Scanner

Standard line



The small powerful system

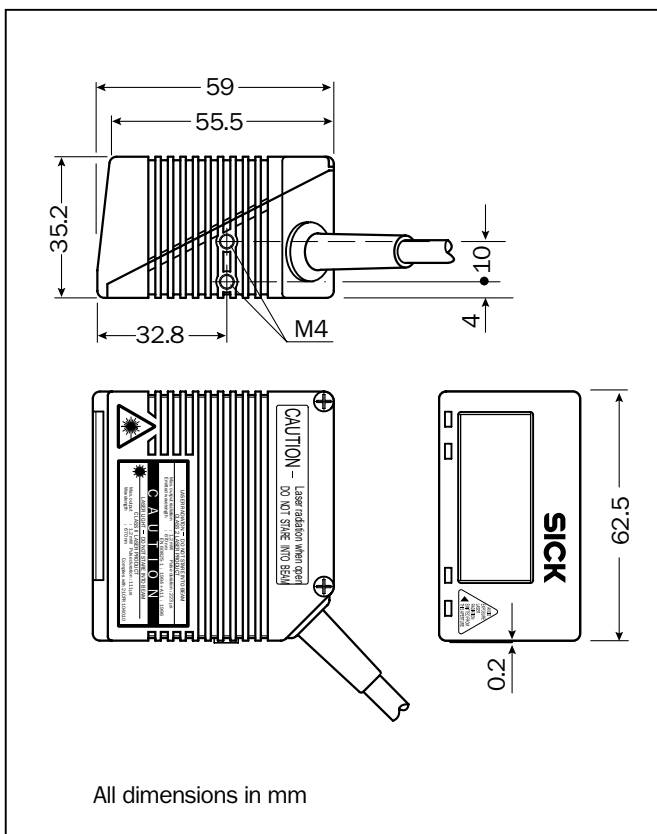
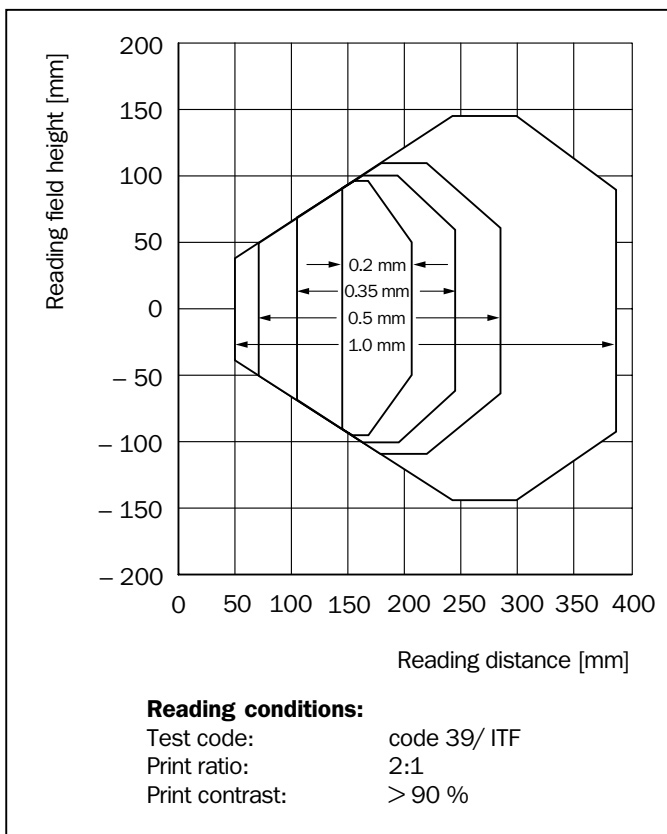
The CLV 410 marks the beginning of a new scanner generation that benefits from years of experience with the CLV 200 family. The optical concept of "Autocollimation", SICK's standard for high performance scanners, is now integrated into a housing with very small dimensions. Therefore, we now achieve excellent reading rates even in the worst environmental conditions involving ambient light and small module widths at very high reading distances.

Easy to use. Benefits:

- Unparalleled easy adjustment
- Quick installation
- Minimized costs due to integrated functions
- Quick adaptation to your application
- Flexible integration even in highly sophisticated machines
- Highest availability
- High reliability

The CLV 410 at a glance:

- Reflector Polling generates an integrated trigger
- Profile Programming makes configuration easy
- AutoSetup for flexible adjustment
- Autocollimation guarantees high reading reliability
- Beeper reports the reading gate
- Power Supply tolerates a wide range of Input Voltage
- Compact Housing for tight fits
- Line Scanner and Raster Scanner option



| Technical data CLV 410 | |
|--|---|
| Scanner design | Line scanner, option: raster scanner |
| Light source | Laser diode, red light ($\lambda = 670 \text{ nm}$) |
| Laser class | Class 2 (pursuant to DIN EN 60825-1) |
| Ambient light compability | 2000 lx (on bar code) |
| Scanning/ decoding frequency | 200 ... 800 Hz |
| Operation and parameterization | with command strings/ profile programming/user software |
| Indicators | 4 LED status indicators |
| Data interface | RS 232/ RS 422/485 |
| Data transmission rate | 300 ... 57 600 Bits/s |
| Switching inputs/ outputs | 1 x IN / 3 x OUT |
| Operating voltage/ power consumption | DC 4.5 ... 30 V/ approx. 2.5 W |
| Housing | Die-cast zinc |
| Enclosure rating/ protection class | IP 54 (to DIN 40 050)/ class 3 (to VDE 0106) |
| EMC test | to IEC 801 |
| Weight | approx. 250 g |
| Temperature (ambient operating/ storage) | 0 ... +40 °C/ -20 ... +70 °C |



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