

# 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.

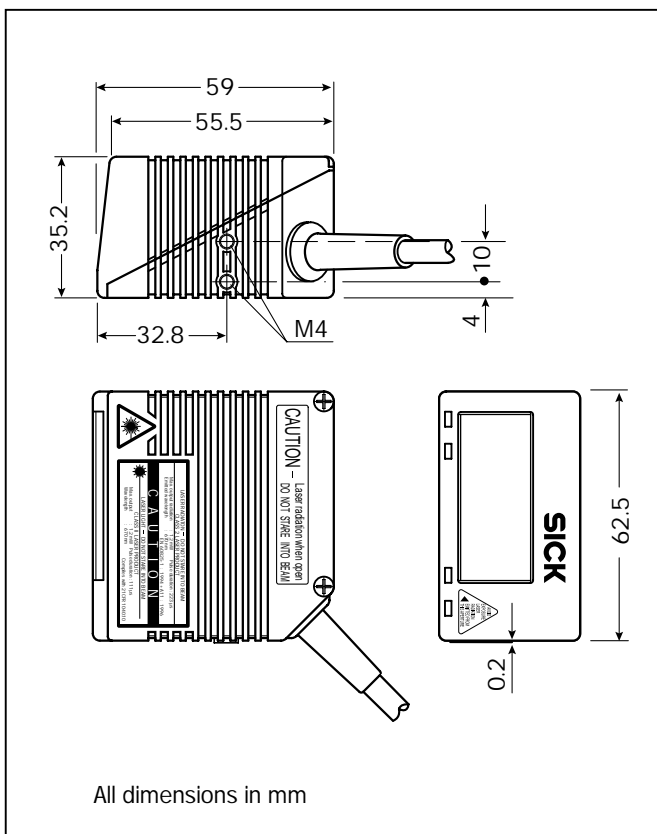
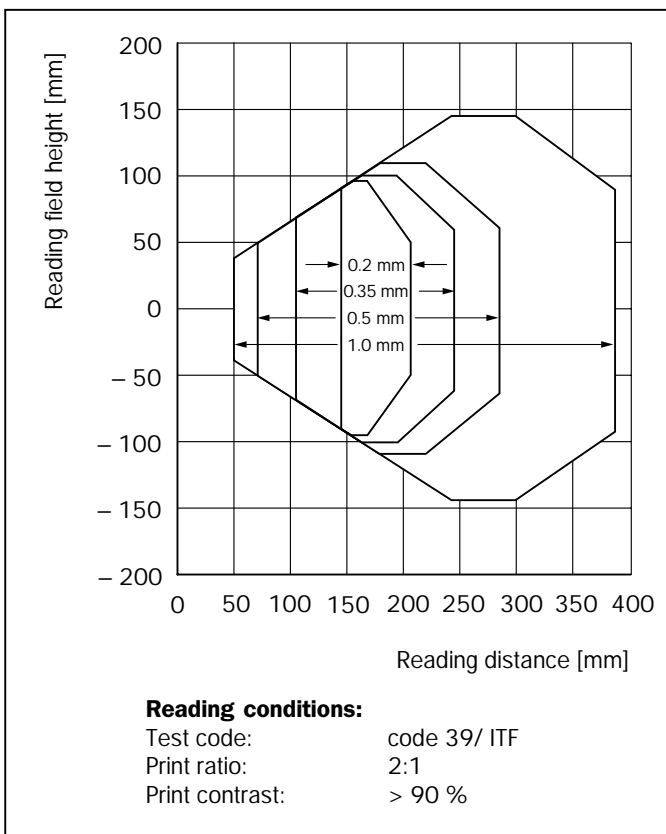
#### Easy to use. Benefits:

- 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

# SICK



<b>Technical data CLV 410</b>	
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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