



# MQCS-1000

MQCS

QUALITY CONTROL SYSTEMS

**SICK**  
Sensor Intelligence.



### Ordering information

Type	Part no.
MQCS-1000	1097861

**Included in delivery:** TDC-E210GC (1), FX3-CPU000000 (1), FX0-STI068002 (1)

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



### Detailed technical data

#### Features

<b>Task</b>	Identification Counting
<b>Industries</b>	Food and beverage

#### Mechanics/electronics

<b>Dimensions, system (L x W x H)</b>	500 mm x 400 mm x 170 mm (Cabinet)
<b>Enclosure rating</b>	IP65
<b>Supply voltage</b>	24 V DC (18.5 V DC ... 30.2 V DC)
<b>Rated current</b>	≤ 2 A <sup>1)</sup>
<b>Power consumption</b>	With 8 Lector type code readers , With 8 Lector type code readers
<b>Fixing</b>	Cabinet for wall mounting
<b>Housing color</b>	Gray
<b>Housing material</b>	Steel (powder-coated)

<sup>1)</sup> With 8 Lector type code readers.

#### Performance

<b>Bar code types</b>	1D 2D
<b>1D code types</b>	GS1-128 / EAN 128 UPC / GTIN / EAN Interleaved 2 of 5 GS1 DataBar Code 39 Code 128 Codabar Code 32 Code 93
<b>2D code types</b>	Data Matrix ECC200 GS1 Data-Matrix PDF417 PDF417 Truncated QR code
<b>Number of codes per reading interval</b>	≤ 1
<b>Number of objects per second</b>	10, maximum

## Interfaces

<b>Ethernet</b>	✓
<b>Switching inputs</b>	✓ (4)
<b>Switching outputs</b>	✓ (4)
<b>Export data format</b>	XML
<b>Configuration interface</b>	Web-Interface
<b>Operator interface</b>	12" capacitive touch display

## Ambient data

<b>Ambient temperature, operation</b>	0 °C ... +40 °C
<b>Ambient temperature, storage</b>	-20 °C ... +70 °C
<b>Permissible relative humidity</b>	5 % ... 90 % RH nicht kondensierend
<b>Electromagnetic compatibility (EMC)</b>	EN 61000-6-2, EN 61000-6-4

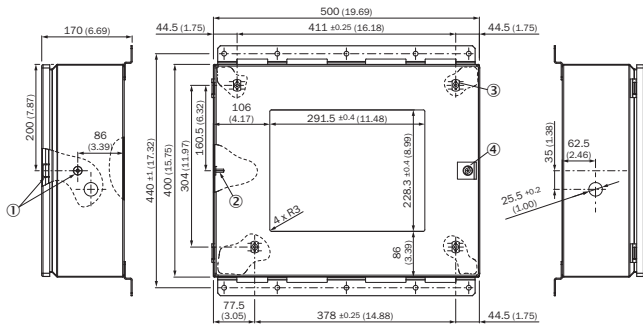
## General notes

<b>Items supplied</b>	TDC-E200EU Flexi Soft main module FX3-CPU000000 FX0-STIO68002 Flexi Soft I/O module Other system components necessary
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## Classifications

<b>eCl@ss 5.0</b>	27280190
<b>eCl@ss 5.1.4</b>	27280190
<b>eCl@ss 6.0</b>	27280190
<b>eCl@ss 6.2</b>	27280190
<b>eCl@ss 7.0</b>	27280190
<b>eCl@ss 8.0</b>	27280190
<b>eCl@ss 8.1</b>	27280190
<b>eCl@ss 9.0</b>	27280190
<b>eCl@ss 10.0</b>	27289090
<b>eCl@ss 11.0</b>	27289090
<b>eCl@ss 12.0</b>	27289090

Dimensional drawing (Dimensions in mm (inch))



- ① Earth connection (acc. to VDE-0100, Part 410), specification: See manufacturer's drawing
- ② Earth connection (acc. to VDE-0100, Part 410), specification: See manufacturer's drawing
- ③ 4 x nut plate (M5) for the mounting plate, welded or riveted
- ④ Lock for double bit key, counterclockwise OPENING direction

## 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)