MQCS-2000

MQCS

QUALITY CONTROL SYSTEMS

SICK

Sensor Intelligence.

MQCS-2000 | MQCS
QUALITY CONTROL SYSTEMS

Ordering information

Type	Part no.
MQCS-2000	1113500

Other models and accessories ➜ www.sick.com/MQCS

Detailed technical data

Features

Task	Empty mold detection
Laser class	2M
Covered conveyor width	1,200 mm

Mechanics/electronics

Dimensions, system (L x W x H)	686 mm x 308 mm x 627 mm
Enclosure rating	IP56
Supply voltage	24 V DC
Fixing	Cabinet for wall mounting
Housing color	Silver
Housing material	Stainless steel

Performance

Throughput speed	≤ 2 m/s
Throughput	30 molds / min

Interfaces

Ethernet	✓
Switching inputs	✓ (8)
Switching outputs	✓ (8)
Export data format	XML
Configuration interface	Ethernet
Operator interface	12" capacitive touch display

Ambient data

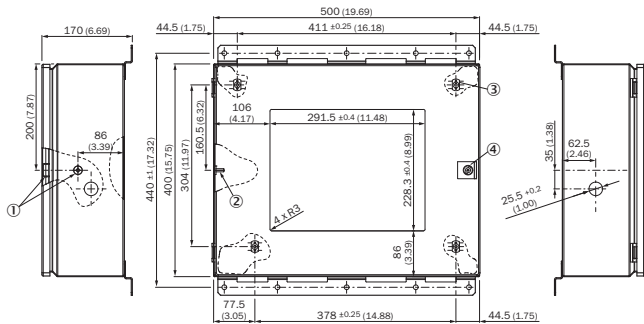|	
Ambient temperature, operation	+10 °C … +45 °C
Ambient temperature, storage	−20 °C … +70 °C
Permissible relative humidity	5 % … 90 % RH nicht kondensierend
Electromagnetic compatibility (EMC)	EN IEC 61000-6-4:2019-09, EN IEC 61000-6-2:2019-02

General notes

Items supplied	Cabinet with integrated display Application Processing Unit (APU)

	Clamps and wiring Other system components necessary
Smallest height threshold above the container floor	≥ 1.5 mm

Classifications

ECLASS 5.0	27280190
ECLASS 5.1.4	27280190
ECLASS 6.0	27280190
ECLASS 6.2	27280190
ECLASS 7.0	27280190
ECLASS 8.0	27280190
ECLASS 8.1	27280190
ECLASS 9.0	27280190
ECLASS 10.0	27289090
ECLASS 11.0	27289090
ECLASS 12.0	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**

SICK AG | Waldkirch | Germany | www.sick.com

SICK
Sensor Intelligence.