



# MSL to M4000 Standard 6/220 upgrade kit

Upgrade kit MSL to M4000

SAFETY LIGHT-BEAM SENSORS

**SICK**  
Sensor Intelligence.



### Ordering information

| Type                                    | part no. |
|-----------------------------------------|----------|
| MSL to M4000 Standard 6/220 upgrade kit | 1083666  |

**Included in delivery:** M40E-062200RR0 (1), M40S-062200AR0 (1), Adapter MSL/M4000 Standard Receiver (1), Adapter MSL/M4000 Standard Sender (1)

Other models and accessories → [www.sick.com/Upgrade\\_kit\\_MSL\\_to\\_M4000](http://www.sick.com/Upgrade_kit_MSL_to_M4000)

### Detailed technical data

#### Features

|                                      |                                            |
|--------------------------------------|--------------------------------------------|
| <b>Replaces</b>                      | MSL <sup>1)</sup>                          |
| <b>Scanning range</b>                | 0.5 m ... 70 m, configurable <sup>2)</sup> |
| <b>Beam separation or resolution</b> | 220 mm                                     |
| <b>Number of beams</b>               | 6                                          |
| <b>Response time</b>                 | 10 ms                                      |

<sup>1)</sup> The M4000 models included in the MSL upgrade kit have no additional functions (LED, laser alignment, etc.).

<sup>2)</sup> For the M4000, the scanning range can be configured and therefore replaces MSL systems with both shorter and long ranges.

#### Certificates

|                   |   |
|-------------------|---|
| <b>China RoHS</b> | ✓ |
|-------------------|---|

#### Classifications

|                       |          |
|-----------------------|----------|
| <b>ECLASS 5.0</b>     | 27272703 |
| <b>ECLASS 5.1.4</b>   | 27272703 |
| <b>ECLASS 6.0</b>     | 27272703 |
| <b>ECLASS 6.2</b>     | 27272703 |
| <b>ECLASS 7.0</b>     | 27272703 |
| <b>ECLASS 8.0</b>     | 27272703 |
| <b>ECLASS 8.1</b>     | 27272703 |
| <b>ECLASS 9.0</b>     | 27272703 |
| <b>ECLASS 10.0</b>    | 27272703 |
| <b>ECLASS 11.0</b>    | 27272703 |
| <b>ECLASS 12.0</b>    | 27272703 |
| <b>ETIM 5.0</b>       | EC001832 |
| <b>ETIM 6.0</b>       | EC001832 |
| <b>ETIM 7.0</b>       | EC001832 |
| <b>ETIM 8.0</b>       | EC001832 |
| <b>UNSPSC 16.0901</b> | 46171620 |

## 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)