



# MSL with MSM to M4000 Advanced with UE403 2/600 upgrade kit

Upgrade kit MSL to M4000

**UPGRADE KITS FOR SAFETY MULTIBEAM SENSORS**

**SICK**  
Sensor Intelligence.

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## UPGRADE KITS FOR SAFETY MULTIBEAM SENSORS



### Ordering information

| Type  | Part no. |
|---|----------|
| MSL with MSM to M4000 Advanced with UE403 2/600 upgrade kit | 1083686  |

**Included in delivery:** M40E-026003RB0 (1), M40S-026003AA0 (1), Adapter MSL/M4000 Advanced Receiver (1), Adapter MSL/M4000 Advanced Sender (1), UE403-A0930 (1), YF2A15-010UB5M2A15 (1)

If you use MSL with MSM, we also recommend our upgrade service. We prepare you an individual quotation based on the details you provide to us, then carry out all the conversion work on site as part of our quick and hassle-free service.

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/MSM <sup>1)</sup>                      |
| <b>Scanning range</b>                | 0.5 m ... 70 m, configurable <sup>2)</sup> |
| <b>Beam separation or resolution</b> | 600 mm                                     |
| <b>Number of beams</b>               | 2  |
| <b>Response time</b>                 | 10 ms                                      |

<sup>1)</sup> In the case of muting applications for which the MSL was used with the MSM module, M4000 Advanced with UE403 is to be used for the replacement. The M4000 Advanced models included in the MSL upgrade kit have no integrated LED muting lamp.

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

#### Classifications

|                       |          |
|-----------------------|----------|
| <b>eCl@ss 5.0</b>     | 27272703 |
| <b>eCl@ss 5.1.4</b>   | 27272703 |
| <b>eCl@ss 6.0</b>     | 27272703 |
| <b>eCl@ss 6.2</b>     | 27272703 |
| <b>eCl@ss 7.0</b>     | 27272703 |
| <b>eCl@ss 8.0</b>     | 27272703 |
| <b>eCl@ss 8.1</b>     | 27272703 |
| <b>eCl@ss 9.0</b>     | 27272703 |
| <b>eCl@ss 10.0</b>    | 27272703 |
| <b>eCl@ss 11.0</b>    | 27272703 |
| <b>eCl@ss 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)