



# SOC-1A100403K

OC Sharp

DISPLACEMENT MEASUREMENT SENSORS

**SICK**  
Sensor Intelligence.



Ordering information

| Type          | Part no. |
|---------------|----------|
| SOC-1A100403K | 6054509  |

Included in delivery: FOC03-AM1K (1), AOCA-1U01 (1), OC1-I1270A000P1 (1)

The technical data can be found with the individual components of the set.

Other models and accessories → [www.sick.com/OC\\_Sharp](http://www.sick.com/OC_Sharp)



Detailed technical data

Features

|                |                                                                                                                                                                                                            |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target         | Natural objects                                                                                                                                                                                            |
| General notes  |                                                                                                                                                                                                            |
| Items supplied | One evaluation unit (AOCA), one 27 mm interferometric sensor head (OC1-*), one optical fiber (3 m), one wall plug, one USB cable, one set of cleaning swabs, CD (operating instructions, driver, software) |

Classifications

|                |          |
|----------------|----------|
| ECLASS 5.0     | 27270801 |
| ECLASS 5.1.4   | 27270801 |
| ECLASS 6.0     | 27270801 |
| ECLASS 6.2     | 27270801 |
| ECLASS 7.0     | 27270801 |
| ECLASS 8.0     | 27270801 |
| ECLASS 8.1     | 27270801 |
| ECLASS 9.0     | 27270801 |
| ECLASS 10.0    | 27270801 |
| ECLASS 11.0    | 27270801 |
| ECLASS 12.0    | 27270916 |
| ETIM 5.0       | EC001825 |
| ETIM 6.0       | EC001825 |
| ETIM 7.0       | EC001825 |
| ETIM 8.0       | EC001825 |
| UNSPSC 16.0901 | 41111613 |

## Recommended accessories

Other models and accessories → [www.sick.com/OC\\_Sharp](http://www.sick.com/OC_Sharp)

|                                                                                   | Brief description                                                                                                                                                                                                                                                        | Type       | Part no. |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------|
| Others                                                                            |                                                                                                                                                                                                                                                                          |            |          |
|  | <ul style="list-style-type: none"> <li>• <b>Connection type head A:</b> Male connector</li> <li>• <b>Connection type head B:</b> Male connector</li> <li>• <b>Description:</b> Optical fiber, 3 m, E2000 male connector, bend radius: max. 30 mm<sup>*)</sup></li> </ul> | FOC03-AM1K | 5328669  |
|                                                                                   | <ul style="list-style-type: none"> <li>• <b>Description:</b> Optical fiber, 3 m, E2000 connector, with metal cover, bend radius: max. 30 mm</li> </ul>                                                                                                                   | FOC03-AM1M | 5328672  |
|  | FOC05-AM1K                                                                                                                                                                                                                                                               | FOC05-AM1K | 5328670  |
|                                                                                   | <ul style="list-style-type: none"> <li>• <b>Description:</b> Optical fiber, 5 m, E2000 connector, with metal cover, bend radius: max. 30 mm</li> </ul>                                                                                                                   | FOC05-AM1M | 5328673  |
|                                                                                   | FOC10-AM1K                                                                                                                                                                                                                                                               | FOC10-AM1K | 5328671  |

## 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)