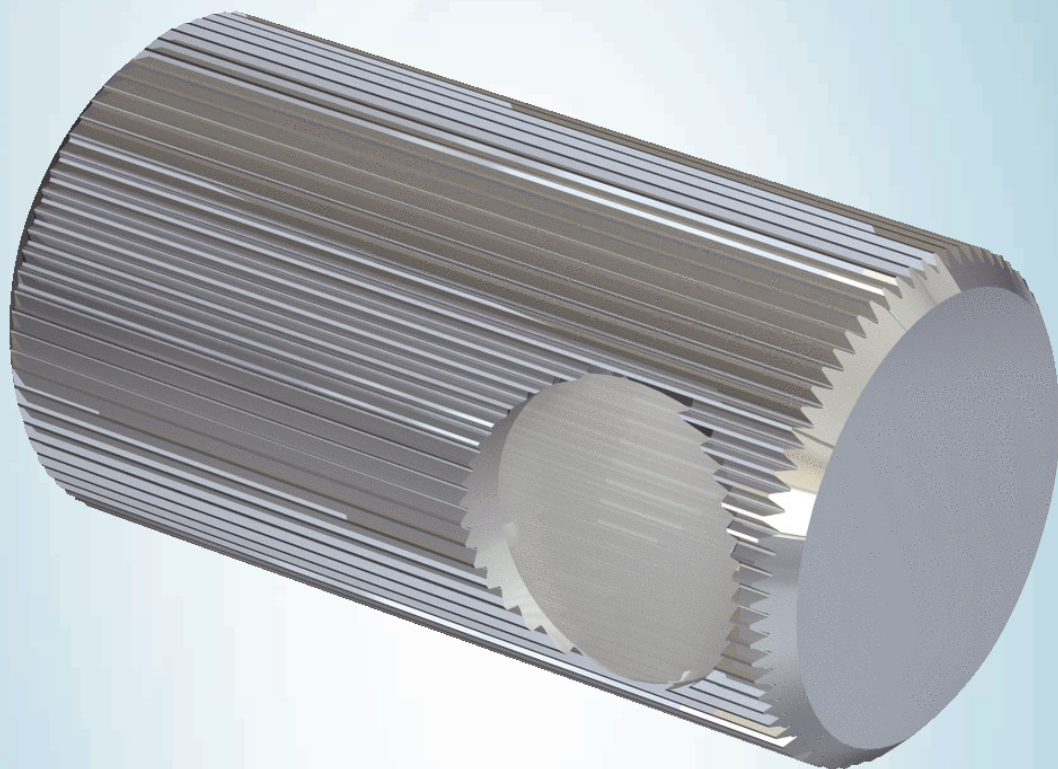


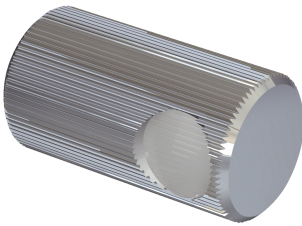


LL3-TA02

LL3

FIBERS

**SICK**  
Sensor Intelligence.



Ordering information

| Type     | Part no. |
|----------|----------|
| LL3-TA02 | 5308129  |

Other models and accessories → [www.sick.com/LL3](http://www.sick.com/LL3)

Detailed technical data

Features

|                             |                                                                                                                                                                                 |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Device type                 | Fibers, Tip adapter for fiber through-beam system                                                                                                                               |
| Functional principle        | Through-beam system                                                                                                                                                             |
| Functional principle detail | Consisting of a sender and a receiver                                                                                                                                           |
| For fiber-optic             | LL3-TB01, LL3-TB01-10, LL3-TB01-30, LL3-TB02, LL3-TB06, LL3-TH12, LL3-TH13, LL3-TH14, LL3-TJ01, LL3-TK77, LL3-TR01, LL3-TR01-05, LL3-TW01, LL3-TW01-2, LL3-TW01-3, LL3-TW015000 |
| Sleeve material             | Brass (Br)                                                                                                                                                                      |
| Thread diameter (housing)   | M2.6                                                                                                                                                                            |
| Angle of dispersion         | 18°                                                                                                                                                                             |
| Lens material               | Glass                                                                                                                                                                           |
| Items supplied              | 2 pieces                                                                                                                                                                        |
| Special features            | Suitable for detection with high sensing range / high robustness against contamination                                                                                          |

Mechanics/electronics

|                               |                   |
|-------------------------------|-------------------|
| Optics material               | Glass             |
| Ambient operating temperature | -40 °C ... +70 °C |

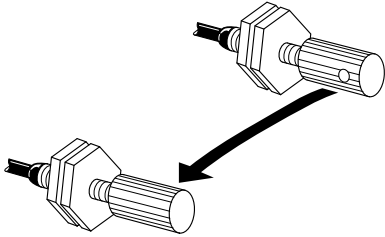
Classifications

|              |          |
|--------------|----------|
| ECLASS 5.0   | 27270905 |
| ECLASS 5.1.4 | 27270905 |
| ECLASS 6.0   | 27270905 |
| ECLASS 6.2   | 27270905 |
| ECLASS 7.0   | 27270905 |
| ECLASS 8.0   | 27270905 |
| ECLASS 8.1   | 27270905 |
| ECLASS 9.0   | 27270905 |
| ECLASS 10.0  | 27270905 |
| ECLASS 11.0  | 27270905 |
| ECLASS 12.0  | 27270905 |
| ETIM 5.0     | EC002651 |
| ETIM 6.0     | EC002651 |
| ETIM 7.0     | EC002651 |
| ETIM 8.0     | EC002651 |

UNSPSC 16.0901

39121528

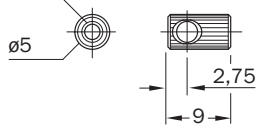
## Functional principle



## Dimensional drawing (Dimensions in mm (inch))

LL3-TA02

M 2,6 x 0,45  
Depth 3,0



## 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)