





## Product description

The most important requirements for inductive sensors are precision, maximum availability, and a long service life. The inductive IM sensors pack high technology into the smallest of spaces. The integrated ASIC chip enables digital adjustment after the end of the manufacturing process. The saving of values in the ASIC ensures highly precise switching points and very high repeatability of values – for any number of production runs. IME sensors are completely encapsulated with hot melt technology, which increases these sensors' life under shock and vibration. The customer benefits from high positioning accuracy in the machine and long-term reliability.

## At a glance

- Types: M08 to M30
- Extended sensing ranges: 1.5 to 2 mm
- Electrical configuration: DC 3-/4-wire, DC 2-wire
- Enclosure rating: IP67
- Temperature range: -25 °C to 75 °C
- Nickel-plated brass housing; plastic sensing face

## Your benefits

- Reliable processes thanks to extended, highly accurate sensing ranges enabled through the use of SICK ASIC technology
- Reduced machine downtimes thanks to a longer sensor service life
- Highly cost-efficient thanks to low purchase costs
- Wide selection available thanks to extensive standard portfolio

## Ordering information

Other models and accessories → [www.sick.com/IM\\_Standard](http://www.sick.com/IM_Standard)

## 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)