



# IMB

THE TOUGHEST DECISION YOU CAN MAKE

Inductive Proximity Sensors

**SICK**  
Sensor Intelligence.

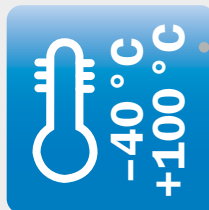


Inductive sensors have to be tough enough to cope with anything that's thrown at them. So it's about time that one took the lead and showed the others how it's done.

The IMB from SICK is both more resilient on the outside and more intelligent on the inside, boasting levels of chemical and mechanical resistance unmatched by any other device of the same construction, allowing it to withstand lubricants, oils, and coolants, as well as extreme temperatures and weather conditions. The IMB effortlessly defies the preconception that tough guys aren't very intelligent, with its ASIC technology and the option of communication via IO-Link: Making its switching as reliable as its exterior is rugged. It doesn't matter how extreme the conditions are at your installation location – from now on the focus is on the survival of the smartest rather than the fittest. We think that's intelligent.

**Protected against water**

- IP 68 and IP 69K enclosure rating due to sealing concept

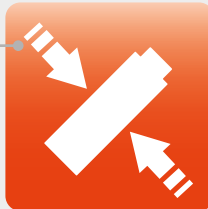


**Wide temperature range**

- Digital temperature compensation with SICK-ASIC technology

**Mechanically rugged**

- High tightening torque and strength due to stainless steel housing

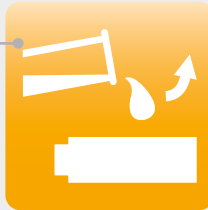


**Shock and vibration resistant**

- Shock resistant up to 150 g

**Resistant against cooling lubricant**

- Resistant against all common cutting oils and cooling lubricant

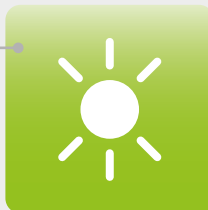


**Corrosion resistant**

- Long-lasting due to stainless steel housing

**Visual installation aid**

- LED indicates when the secured sensing range has been reached



**IO-Link compatible**

- Option of communicating via IO-Link 1.0