

SICK FIBER-OPTIC SENSORS

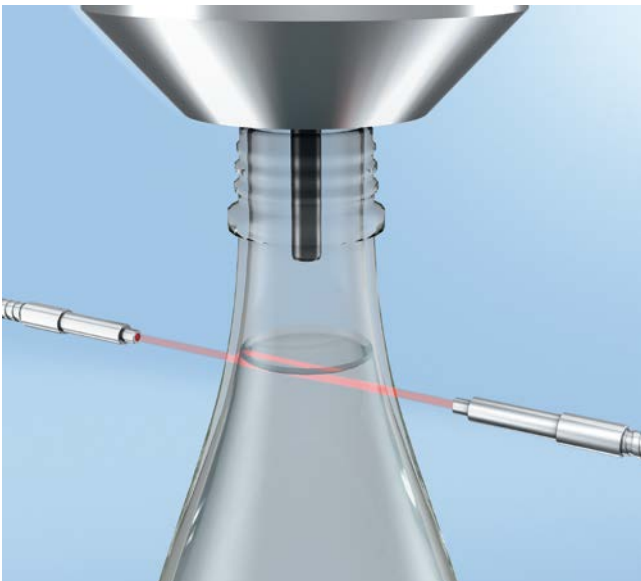
FIT FLEXIBLY INTO THE NARROWEST CORNERS

SICK
Sensor Intelligence.



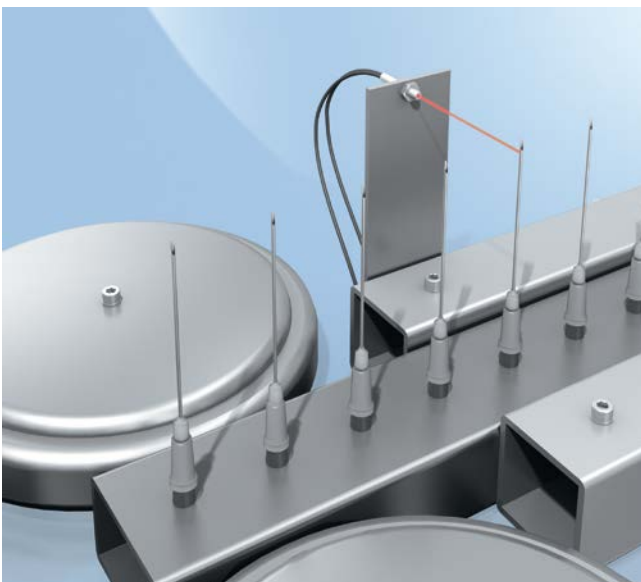
WE EXCEED LIMITS

Even at night and in fog. With high transmitting power for large sensing ranges. And a high degree of ruggedness to protect against contamination.



WE GET YOU UP TO SPEED

Without getting your feet wet. With IR sender LED in combination with glass fibers. For the non-contact detection of liquids.

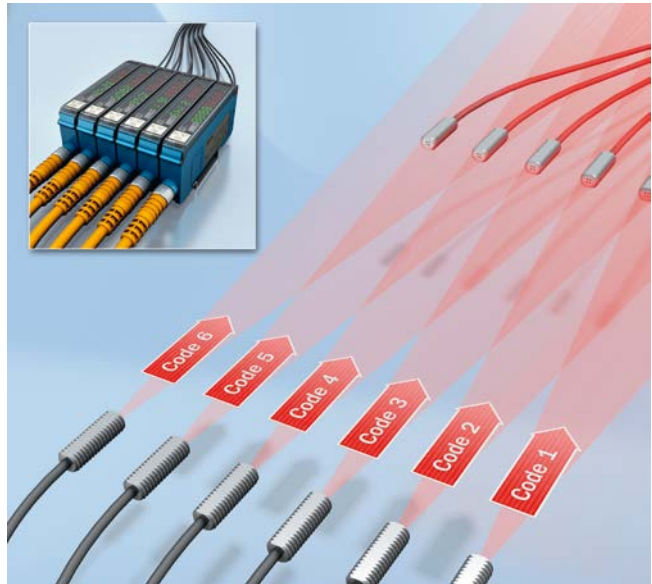


WE GET STRAIGHT TO THE POINT

And identify it with supreme accuracy. With high switching frequency to detect fast processes and position objects precisely.

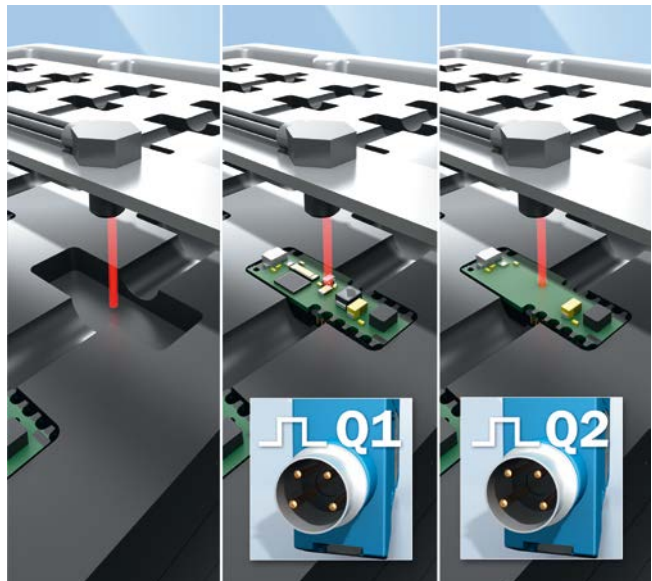
WE ARE A STRONG TEAM

And enjoy a smooth ride with the bus version: convenient setup, reduced wiring, proven anti-interference. The bus interface makes it possible for several sensors to be networked via an Ethernet-based bus protocol using the WI180C communication gateway.



WE ARE READY FOR ANYTHING

With our version with two switching outputs. It replaces a trigger photoelectric sensor. And records even more information – with just one fiber-optic amplifier.





WLL80

The smart solution for challenging detection tasks

At a glance

- Response time up to 16 μ s
- High sensing ranges and high sensitivity
- IP54 enclosure rating
- OLED display with text display in various languages
- Stand-alone version with IO-Link
- Diagnostic functions and Smart Tasks
- Adjustable hysteresis and continuous threshold adaptation
- Bus version available



→ www.sick.com/WLL80

For more information, simply enter the link or scan the QR code



GLL170

Simple, flexible detection

At a glance

- Intuitive operating concept
- Rapid response time of 50 μ s
- Switching threshold adjustment via potentiometer, or teach-in via pushbutton or cable
- IP 66 enclosure rating for high degree of ruggedness
- PNP/NPN switchover (teach-in variant)
- 4-digit digital display (teach-in variant)
- Variable fixing concept
- Various connection types available



→ www.sick.com/GLL170

For more information, simply enter the link or scan the QR code



LL3/LLX

It's the tip that makes the difference: Fibers from SICK

At a glance

- Extensive range of plastic and glass fibers
- High-temperature and chemical-resistant fibers
- Threaded and smooth sleeves, light arrays, 90° deflection versions available
- Focused optics
- Proximity and through-beam principle
- Plastic, protective metal, or Teflon sheathing
- LLX: Cost-efficient variant with excellent price-performance ratio



→ www.sick.com/LL3

For more information, simply enter the link or scan the QR code



→ www.sick.com/LLX

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