

Small size, high performance: The F 10 is the only subminiature sensor using laser light on the market. Its light spot is so sharp & accurate that small parts can be reliably detected, even at large distances. For example, the proximity switch with background suppression can easily detect a 0.5 mm diameter wire at a distance of 60 mm - it can therefore hold its own amongst the considerably larger models of its class.

The F 10 does not just offer excellent performance data. Its unmistakable design also offers special features unique for its size. The dovetail mount facilitates fine adjustment in difficult locations and the M5 connector enables easy connection and sensor replacement. As you can see, we have done everything to ensure you get the most from our smallest sensor!

F 10 – HIGHLIGHTS AT A GLANCE

- Subminiature sensor for installation in tight spaces
- Bright, precise laser light spot for first-rate small-part detection and easy alignment
- Comfortable use via electronic teach key or control cable
- Ingenious mounting accessories for quick and simple integration
- Wide range of product versions to suit all requirements
- Robust, glass fibre reinforced plastic housing (IP67) with Ecolab accreditation
- Permanent, cleaning-resistant laser marking

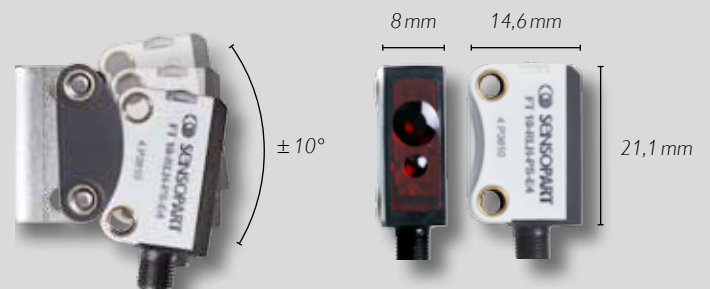


Dovetail:

The dovetail bracket is inserted in the corresponding channel on the sensor housing and simplifies fine adjustment of the sensor.

M5 connector:

The F 10 is available either with a M5 connector, with a pigtail cable (200 mm) and moulded M8 connector or with a fixed cable.



Easy installation:

If the sensor is to be installed in a cramped location, we recommend the dovetail mounting bracket that enables precision alignment of the sensor.

Special features:

The distinguishing features of the F 10 are the glass fibre reinforced plastic housing with integrated mounting sleeve, the dovetail guide fitted at the back of the sensor and the permanent laser marked type designation.

Small but versatile.

There is always room for the F 10 sensor.

Applications

- in tight spaces
- in handling and assembly systems
- in large-scale integrated machines
- an alternative to fibre-optic amplifiers

Typical sectors

- Special purpose machine construction
- Semiconductor and electronics production
- Laboratory automation
- Pharmaceutical industry and medical technology
- Solar industry
- Packing machines
- Printing and paper industry electronics

