

Made for Extremes.

Stable object detection up to 50 mm
at temperatures up to 250 °C.

F135 Series Inductive Sensors



Your automation, our passion.

 **PEPPERL+FUCHS**

High Performance Under Extreme Conditions

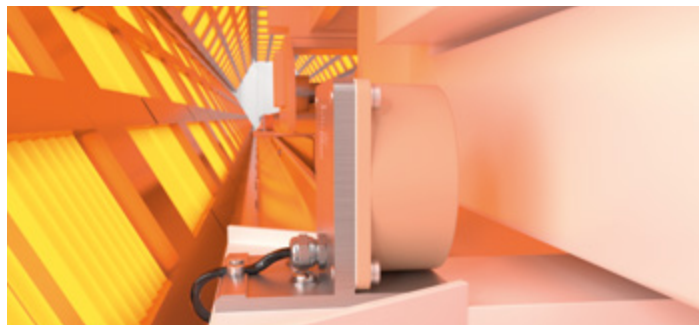
The F135 series of inductive high-temperature sensors from Pepperl+Fuchs offer reliable object detection at extreme temperatures of up to 250 °C. With state-of-the-art technology and high flexibility, these sensors are the ideal solution for demanding industrial applications.

Inductive Sensor Set for High-Temperature Ranges

The inductive sensors of the F135 series from Pepperl+Fuchs enable reliable object detection at temperatures of up to 250 °C. With an operating distance of up to 50 mm, they are ideal for applications such as industrial paint curing ovens in the automotive industry. The minimal temperature drift and long service life ensure high operational reliability in harsh environments. In the event of maintenance, the sensor head can be easily replaced without re-parameterization.

Maximum Flexibility and Ease of Maintenance

The F135 series is characterized by flexible connection options and selectable cable lengths from 1 to 30 m. Due to IO-Link, users receive important status information, including limit value warnings and operating hours, enabling predictive maintenance. With the synchronization of multiple sensors and the possibility of plug-and-play operation, the F135 series is a future-oriented solution for demanding production environments.



Highlights

- Robust object detection under extreme temperatures of up to 250 °C
- Increased flexibility due to large operating distance of up to 50 mm
- Trouble-free operation even when the sensor heads are connected directly due to automatic synchronization
- Plug-and-play: simple commissioning and replacement of the sensor head in the event of maintenance

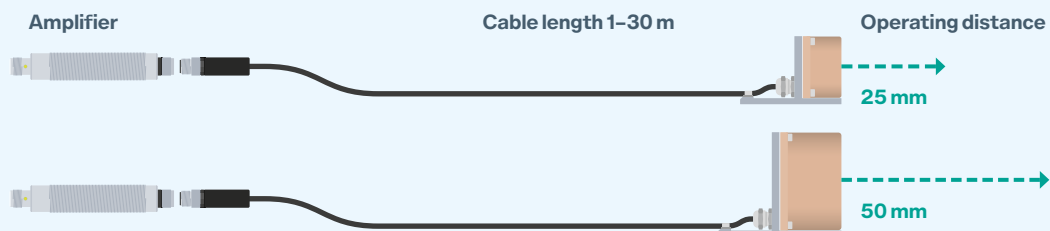


For more information, visit
[pepperl-fuchs.com/pf-F135](https://www.pepperl-fuchs.com/pf-F135)

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The inductive sensors of the F135 series are available in different versions:

Sensor set consisting of sensor head with fixed cable and amplifier



Sensor set consisting of sensor head with plug connection, extension cable, and amplifier

