E2E NEXT

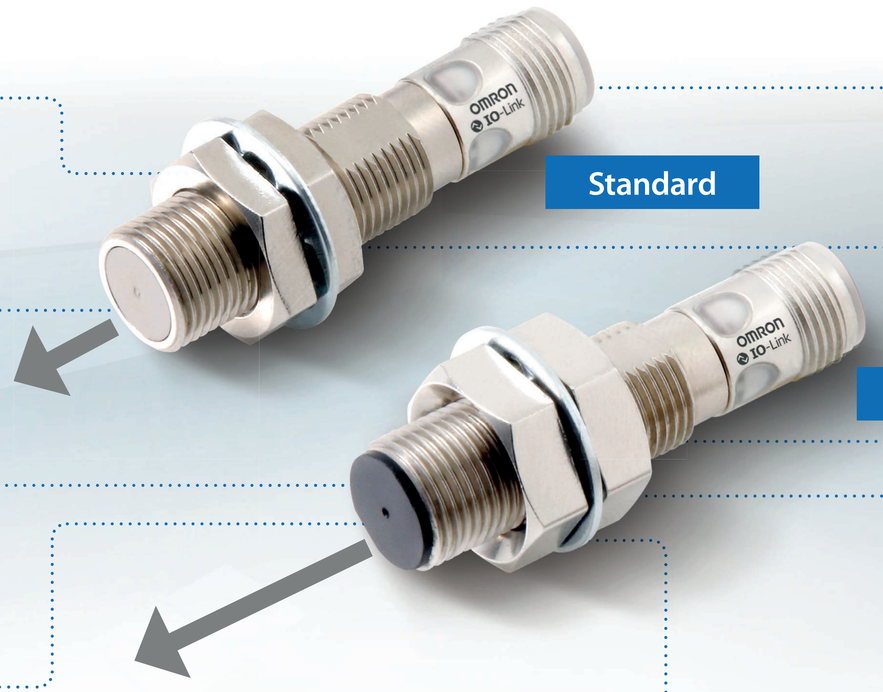
New smart inductive sensors

Highest detection range by size

Designed with IO-Link -providing intelligence into the field level

Standardized design one-size model with single, double, triple and quadruple range

High-brightness LED, visible anywhere from 360°



Stable detection for CFRP material (Carbon Fiber-Reinforced Polymer)

Extended temperature range & IP69K compliant for water resistance and wash resistance

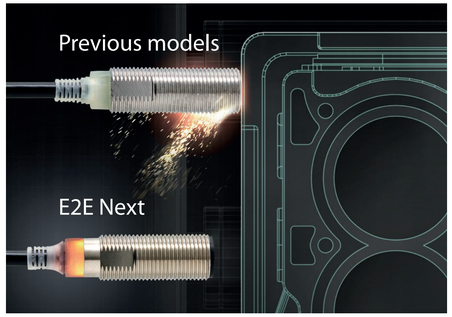
Cable models with enhanced oil resistance **IP67G**

UL, CSA & EAC certification

Easy replacement with e-jig accessory

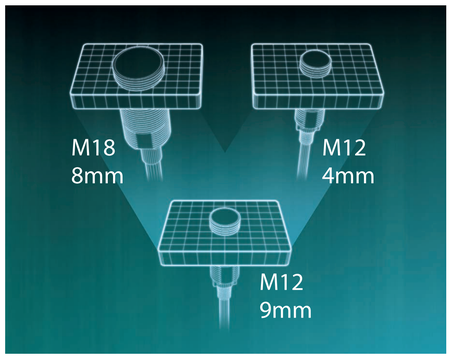
E2E NEXT Product Highlights

Increasing design flexibility



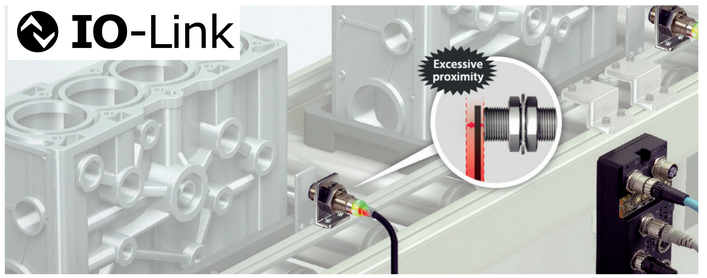
E2E Next series offers easy design and installation, thanks to four different ranges. Additional space reduces collisions & malfunctions.

One-size model



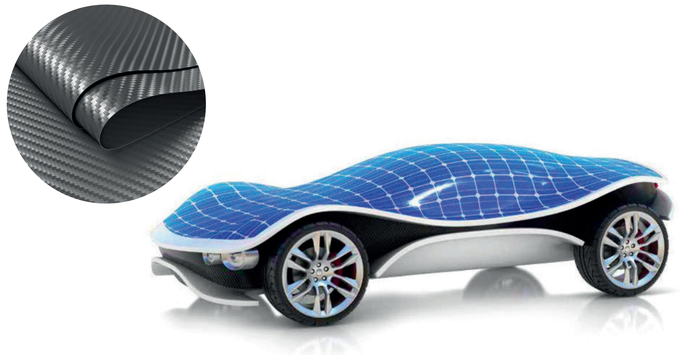
Standardized design with a single one-size model and extended detection range.

Predictive maintenance



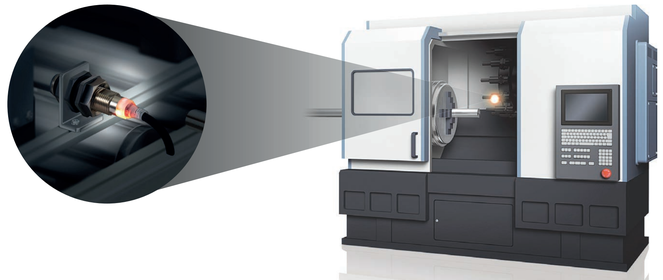
Thanks to IO-Link, the product code can be checked. Easier maintenance task by the possibility of remote troubleshooting, monitoring, or commissioning. Unique information as excessive proximity or remoteness reduces the number of malfunctions.

Best performance for CFRP materials



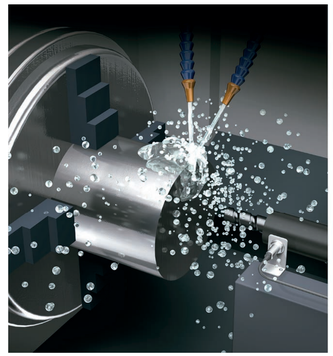
Unique behaviour thanks to extended sensing range to detect CFRP material (Carbon Fiber-Reinforced Polymer).

High Visibility



All around high-brightness LED that is more luminous and visible than those in previous models. The indicator is visible from all angles, reducing the time required for operation checks.

Robustness



Extended temperature range and high IP degree IP69K & IP67G enable robust facility design.

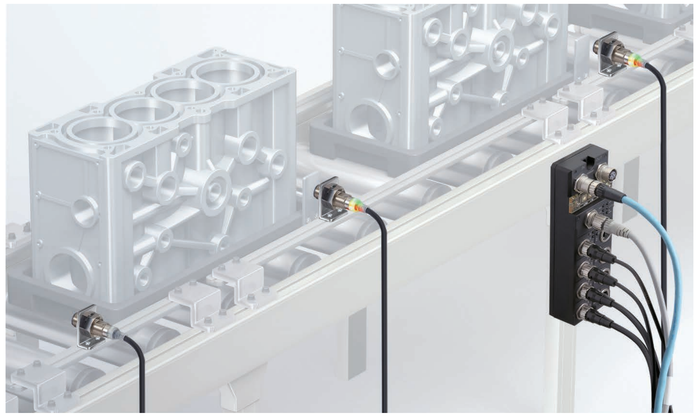
E2E NEXT Application areas

The inductive sensors are responsible for detecting the positioning of metal parts. They can also be used in any machine and application to detect mechanical moving parts of the machinery.

Common markets for inductive sensors are automotive and Machine tools where metal detection is always needed, but we can find applications for the inductive sensors in any other industrial segment.

Machine-tool

Automotive



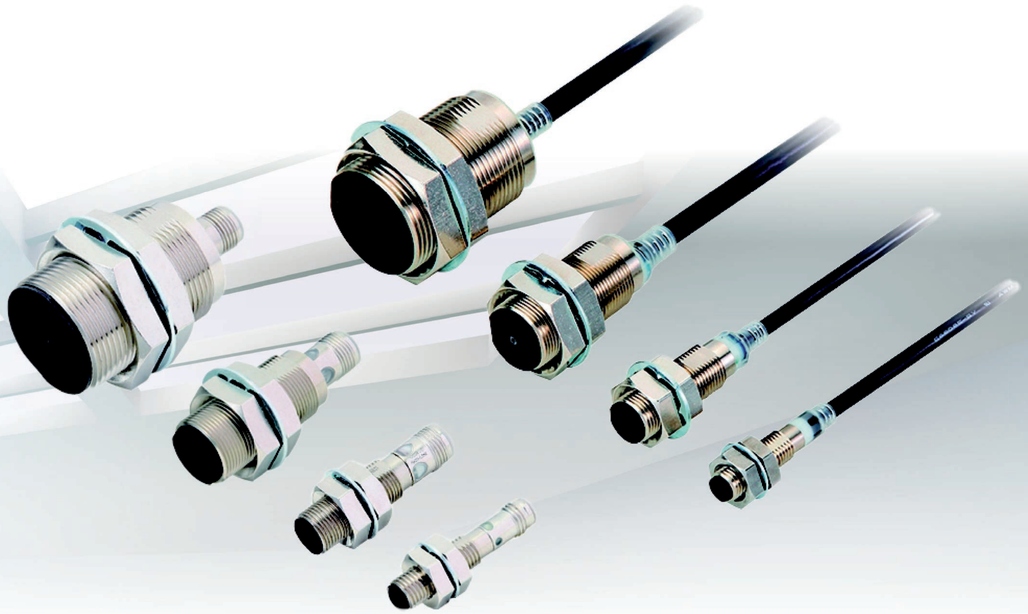
Food & Commodities

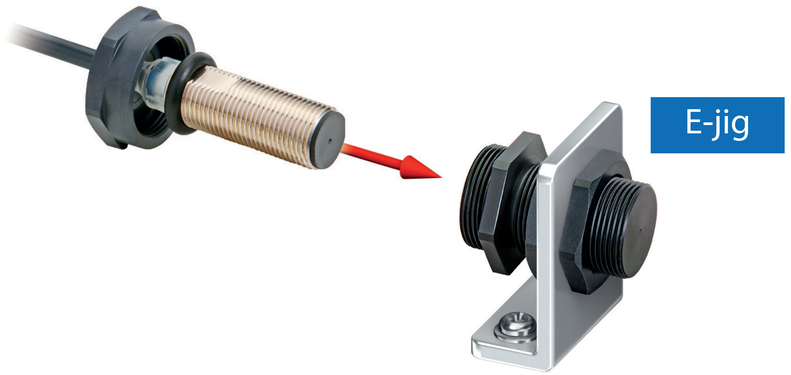
Machinery

Conveyors

E2E NEXT Additional features

- Stable detection even for small or complex metal parts
- Instability alarm to avoid false detection due to equipment vibration
- Target too close alarm to increase product life by predictive maintenance
- Internal temperature control to prevent malfunctions
- Much higher range by size, thanks to triple and quadruple models.
  Unified specifications to support stock reduction
- Allows you to standardize your design with a single one-size model
- All models are available with a spatter-resistant coating
- IO-Link enables real-time identification of the site and substance of sensor failure from a single location, enabling predictive maintenance
- Fastest IO-Link communication COM3 (230,4Kbaud)
- The latest certification for the US market, simplifies the export and certification process
- Easy and fast to mounting and replacement thanks to e-jig accessory



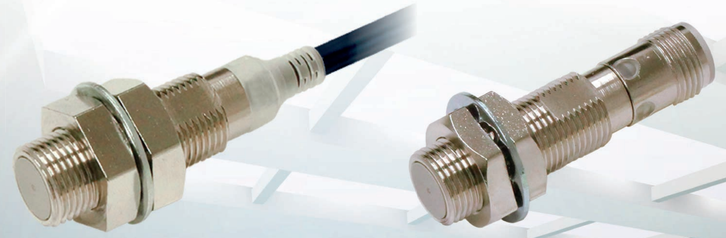


E2E NEXT Portfolio

Selection guide

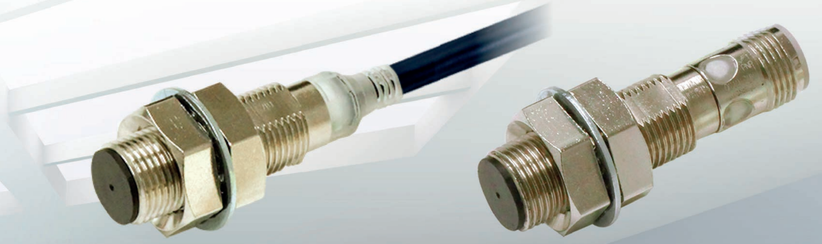
STANDARD models

Single or **double** sensing distance



PREMIUM models

Triple or **quadruple** sensing distance



Product name legend

E2E	____	X	____	____	____ ____ ____	____	____	____

Case

Blank	Standard
Q	Spatter-resistant

Range

1.5 mm
...
50 mm

Shielding

Blank	Shielded
M	Unshielded

Output

B1T	PNP NO
B2	PNP NC
B3D	PNP NO/NC
C1	NPN NO
C2	NPN NC
C3	NPN NO/NC
D1	2wire NO
D2	2wire NC

Body

Blank	Short
L	Long

Size

8	M18
12	M12
18	M18
30	M30

Connection

2M	2m cable
5M	5m cable
-M1	M12 connector
-M3	M8 con. 4Poles
-M5	M8 con. 3Poles
-M1TJ	M12 pigtail con.