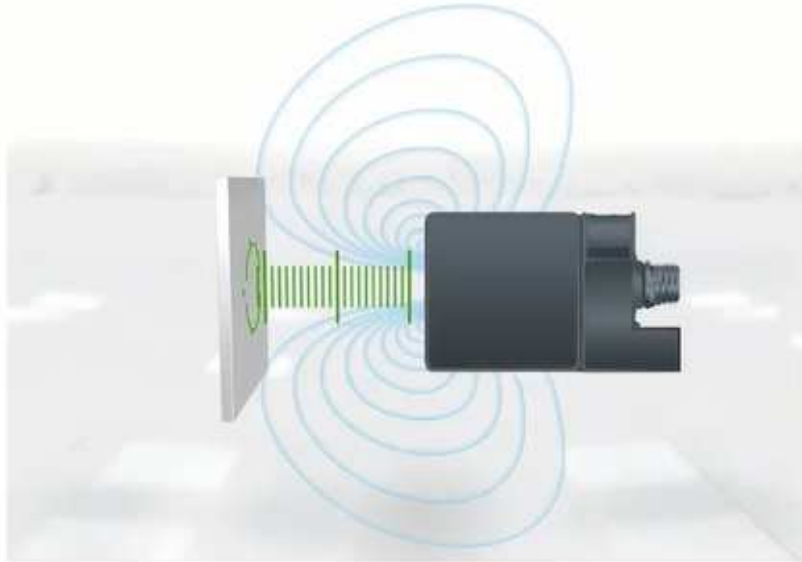


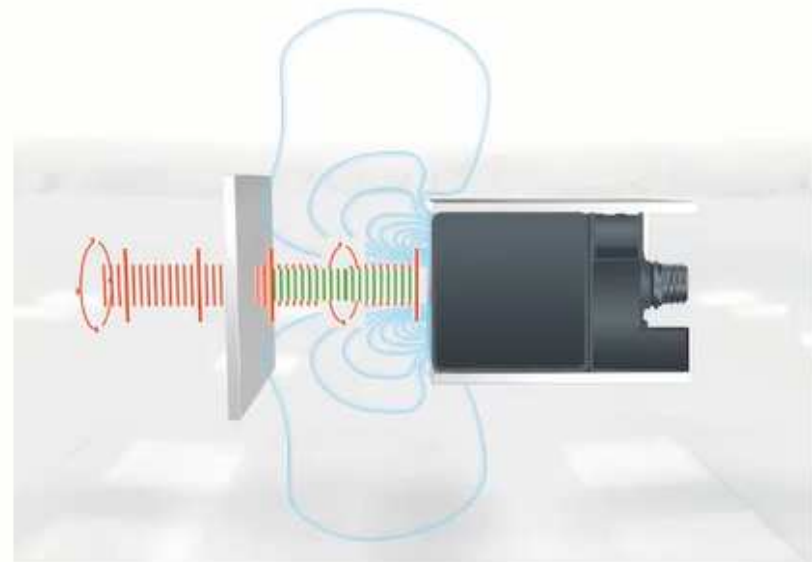


# Inductive with Active Shielding Technology

## Highlights of the Active Shielding Sensors



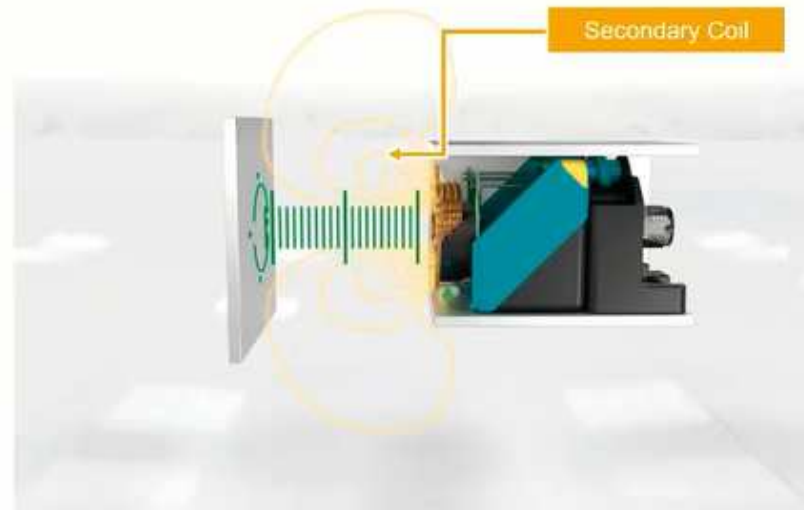
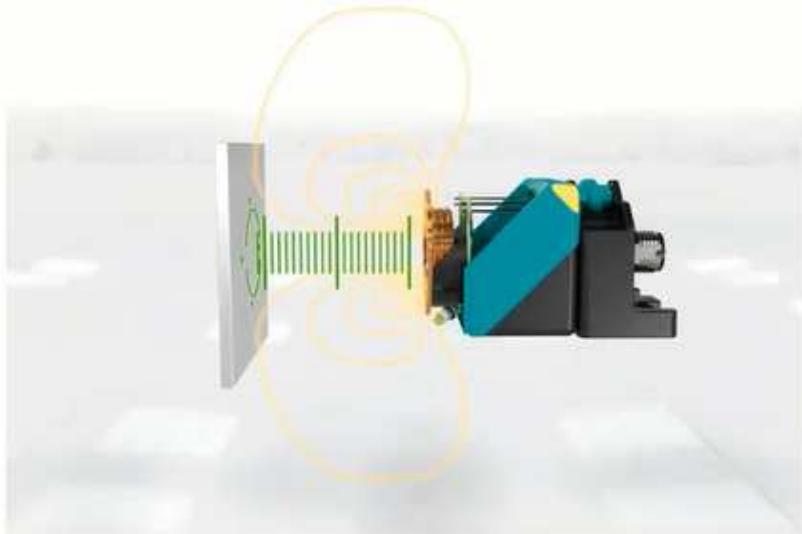
- Available extended range sensor fields extend in all directions and may cause pre-damping and range instability



- Depending on the installation situation, the switching distance can change significantly
- Some products can increase or decrease in range because of mounting influence

# Inductive with Active Shielding Technology

## Highlights of the Active Shielding Sensors



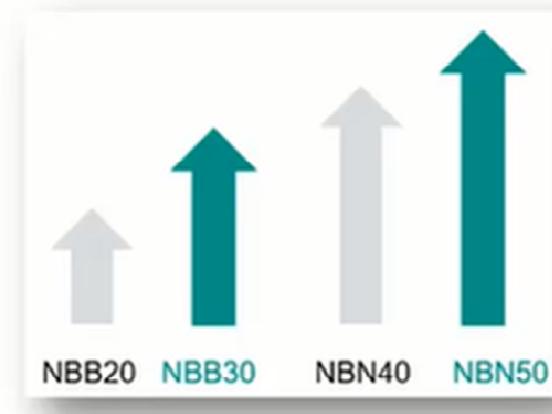
- Active secondary coil detects and compensates for the ambient mounting conditions to ensure the most stable switching distance

- Switching distance remains stable, no matter the installation condition
- Ferrous or aluminum 1-sided, 2-sided, 3-sided, or 4-sided installation

# Inductive with Active Shielding Technology

## Highlights of the Active Shielding Sensors

- **Improved** switching distances:
  - 30mm flush, 50mm non-flush in 40 x 40mm cube
  - Standard reduction factor
- Active Shielding Technology maintains **switching distances** independent of mounting conditions
- Easy viewing of power and switching status via **corner LEDs**
- Adjustable 5-way sensor head for **quick and easy setup**



# Inductive with Active Shielding Technology

## Portfolio

Part Number	Model number	Description
316607-0001	NBB30-U1K-E2	5-Way Inductive Limit, PNP, NO
316607-0002	NBB30-U1K-A0	5-Way Inductive Limit, NPN, 4-wire N.O. & N.C.
316607-0003	NBB30-U1K-A2	5-Way Inductive Limit, PNP, 4-wire N.O. & N.C.
316607-0004	NBN50-U1K-E2	5-Way Inductive Limit, PNP, NO
316607-0005	NBN50-U1K-A0	5-Way Inductive Limit, NPN, 4-wire N.O. & N.C.
316607-0006	NBN50-U1K-A2	5-Way Inductive Limit, PNP, 4-wire N.O. & N.C.
316607-0007	NBB30-L2K-E2-V1	40x40 Cube Inductive, PNP, NO
316607-0008	NBB30-L2K-A0-V1	40x40 Cube Inductive, NPN, 4-wire N.O. & N.C.
316607-0009	NBB30-L2K-A2-V1	40x40 Cube Inductive, PNP, 4-wire N.O. & N.C.
316607-0010	NBN50-L2K-E2-V1	40x40 Cube Inductive, PNP, NO
316607-0011	NBN50-L2K-A0-V1	40x40 Cube Inductive, NPN, 4-wire N.O. & N.C.
316607-0012	NBN50-L2K-A2-V1	40x40 Cube Inductive, PNP, 4-wire N.O. & N.C.

