

Specifying inductive sensors can be tricky.

# Let's keep it simple.

**PACIFIC**  
AUTOMATION

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## First, consider your application:

*What are you trying to achieve? What are the conditions the sensor will operate in?*

### Do you need a:

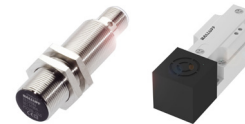
- **General Purpose Sensor**
- **High pressure-rated sensor**
- **High temperature-rated sensor**
- **Weld splatter-resistant sensor**
- **Factor 1 sensor**  
*(non-ferrous metal detection)*
- **High frequency sensor**  
*(high speed applications)*
- **Hygienic sensor**  
*(food/pharma applications)*
- **IECEEx-certified sensor**  
*(hazardous areas applications)*

## Next, choose your options below:

*What kind of body shape or style will work best?  
What sensing distances are required? How will you mount the sensor?*

### Body style:

- **Barrel**
- **Cubic**



### Sensing distance:

The sensing distance is proportional to the size of the sensor. i.e. a longer sensing distance requires a larger sensor.

### Mounting style:

- **Flush**
- **Non-flush**



## Almost done! Just decide on:

*Consider how you want the sensor to interface with your control system.*

### Electrical Interface:

- **PNP** - Positive switching
- **NPN** - Negative switching
- **2 Wire**

### NO, NC or NO/NC:

- **NO:** Normally Open
- **NC:** Normally Closed
- **NO/NC:** Normally Open + Normally Closed

### Connector or Cable:

- M12 or M8 Connector
- Built in Cables (available in range of materials)



Learn more about our range of Balluff Inductive sensors today.

*Scan the QR for more information.*

You're all done! Time to get in touch.

**We'll handle the rest.**