

# Inductive Proximity Switches with Proxi-Teach

Set the optimal sensing distance automatically at the touch of a button

In 3 seconds !



# General Information on Proxi-Teach by Proxitron

Inductive sensors with large sensing distances get influenced by metals in the surrounding. Therefore, the sensing distance needs to be adjusted manually before using the sensor. This can be done easily and quickly with the Proxi-Teach.

The Proxi-Teach function recognizes metals in the surrounding by one press of the button and sets the maximum possible sensing distance automatically. This ensures safe object detection and stable operation, over the whole ambient temperature range.

## Metals in the surrounding disturb the sensor

Metal in the direct surrounding influences the sensor and can cause interference. In conventional sensors the sensing distance must be adjusted manually by means of a potentiometer. This requires experience and knowledge of the sensor features.



## Proxi-Teach to set the ideal sensing distance

Proxi-Teach is very comfortable and makes adjustment quite easy. By only one press of the button the ideal sensing distance is set automatically. When the LED lights up green continuously, you can feel sure that the sensor will detect all objects reliably, even at changing temperatures.



# In 3 seconds!

With our Proxi-Teach sensors you save time and prevent switching errors.

### Example of type code

Type	Proxi-Teach
IKN 070	no
IKN 070T	yes