

MANIKANDAPHRABHU

## INFOGRAPHIC - TYPES OF SENSORS



September 01, 2023

# TYPES OF SENSORS

## 1 PROXIMITY SENSOR

A PROXIMITY SENSOR IS A DEVICE THAT CAN DETECT OR SENSE THE APPROACH OR PRESENCE OF NEARBY OBJECTS AND FOR THIS IT DOES NOT NEED PHYSICAL CONTACT.

## 2 TEMPERATURE SENSOR

A TEMPERATURE SENSOR IS A DEVICE USED TO MEASURE TEMPERATURE. THIS CAN BE AIR TEMPERATURE, LIQUID TEMPERATURE OR THE TEMPERATURE OF SOLID MATTER.

## 3 POSITION SENSOR

A POSITION SENSOR IS A DEVICE THAT CAN DETECT THE MOVEMENT OF AN OBJECT AND CONVERTS THESE INTO SIGNALS SUITABLE FOR PROCESSING, TRANSMISSION, OR CONTROL.

## 4 LEVEL SENSOR

A LEVEL SENSOR IS A DEVICE THAT IS DESIGNED TO MONITOR, MAINTAIN, AND MEASURE LIQUID (AND SOMETIMES SOLID) LEVELS.

## 5 FORCE SENSORS

FORCE SENSORS ARE ALSO COMMONLY KNOWN AS FORCE TRANSDUCER. THERE ARE SEVERAL TYPES OF LOAD CELLS BASED ON SIZE, GEOMETRY AND CAPACITY.

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