WIKA’s complete line of temperature probes, switches and transmitters are specifically designed for today’s hard working mobile machines and provide the durability and precision you would expect from WIKA.

WIKA’s temperature probes, switches and transmitters use a highly customizable platform that can be easily configured to meet your needs without adding additional costs to the product and includes your choice of sensing element, electrical connector, process connection and thermo-well dimensions.

More customers worldwide trust WIKA as their first choice for instrumentation for mobile working machines.

- Electrical pressure
- Electrical temperature
- Mechanical pressure
- Mechanical temperature
- Force
- Level

WIKA, your partner for mobile working machines measurement solutions

WIKA - your partner for Mobile Working Machine Applications

Unique solutions for electronic temperature measurement
**Electrical temperature probes**

**TF43**
- Insertion and surface mounted temperature probes.
- Hot rubber coated sensor and cable for watertight protection
- Single or double insulated lead wires
- Flying leads or electrical plug connectors
- Stainless steel or brass thermowell for mounting and increased protection
- Temperature range -58°F to 221°F

**TF44**
- Surface mounted temperature probe for high temperature applications.
- Quick and easy installation
- Aluminium sleeve provides excellent thermal transfer and fast response times
- High temperature silicone lead wires
- Flying leads or electrical plug connectors
- Temperature ranges -58°F to 392°F

**TF35**
- Screw-in temperature probe with electrical plug connection.
  - Compact design for modern machines
  - Brass or stainless steel thermowells
  - Most common thread connections and electrical connections
  - High vibration resistance up to 30g
  - Extremely high shock resistance up to 500g
  - Ingress protection: IP67 / IP69K
  - Temperature range -58°F to 482°F

**TF37**
- Screw-in temperature probe with integrated cable connection.
  - Compact design for modern machines
  - Brass or stainless steel thermowells
  - Most common thread connections
  - High temperature silicone lead wires with flying leads or electrical plug connectors
  - High vibration resistance up to 30g
  - Extremely high shock resistance up to 500g
  - Ingress protection: IP67 / IP69K
  - Temperature range -58°F to 482°F

**TFS35**
- Screw-in temperature switch with electrical connectors.
  - Compact design for modern machines
  - Non-current carrying bimetal disc which eliminates imprecise switching because of self-heating or arcing
  - Automatic switch reset
  - Choice of normally open or normally closed contacts
  - Brass or stainless steel thermowells
  - Most common thread connections and electrical connections
  - Switch temperature: 140°F to 392°F
  - Vibration resistance up to 10g
  - High shock resistance up to 100g

**TR33**
- Screw-in temperature transmitter with electrical plug or cable connection.
  - Compact design with small housing requires less space for today's modern machines
  - Case and stem are stainless steel that are fully welded for water tight protection
  - Programmable diagnostic function and signal clamping
  - Maximum working pressure up to 4,050 PSI
  - High ingress protection rating: IP67 / IP69K
  - High vibration resistance up to 20g
  - High shock resistance up to 50g
  - Temperature range -58°F to 482°F
  - Intrinsically safe version per Ex i (ATEX)