

# Surface temperature Pt100 sensors

## 82509 Self-adhesive Pt100 surface probe. Max.170°C



Self adhesive bendable Pt100 sensor. Silicon patch size 35x13x2mm. Fast response by use of self-adhesive aluminium contact foil to attach to the surface. Temperature range: up to 170°C. Accuracy to DIN IEC 60751 class B, optional class A. Single sensor. Sensor is standard 3-wire connected. IP54 sealed. Twisted PTFE wires. Standard wire length 4 meter. Good chemical resistance. Response time 2 sec. Maximum peak temperature 220°C

Ordering code

Type

## BE2088 Tube surface sensor with contact block



Universal Tube surface temperature sensor for temperature measurement on pipes. Mounting with clamp (included) or with tie-wrap attachment, equipped with heat-resistant silicone cable. Length to be specified. Operating temperature -50 ° / + 200 ° C. The shaped contact block enlarges the temperature contact area to the tube surface.

Ordering code

Type

## HM 5040 Magnetic surface sensor



Magnetic surface Pt100 sensor, magnet dimensions 39x26x25mm (LxBxH), Magnetic strength 90 N. Accuracy to DIN IEC 60751 class B, optional class A. Sensor is standard 3-wire connected. Silicone cable with flexible conductors, standard cable length 4 meter. Good chemical resistance. Can be used on feretic surfaces. Maximum temperature at tip 250°C. Spring loaded sensitive contact tip. Thermal conductive paste on rough surfaces recommended. Options: ATEX Exe or Exi version

Ordering code

Type

## BE 2084 Pipe-clamp resistance thermometer



Surface block Pt100 probe for clamp mounting on tubes. Temperature range: -200°C to 250°C. Accuracy to DIN IEC 60751 class B, optional class A. Single or duplex sensor. Surface contact area 8mm x 30mm. Stainless Steel contact block with adjustable Stainless Steel clamp, permanently attached. Clamp diameter to specify. Armoured PTFE insulated wires, glassfibre jacket with stainless steel overall braiding for mechanical protection. Maximum cable temperature 240°C. Options: ATEX Exe Exi or Exd version. Other dimensions and contact block materials

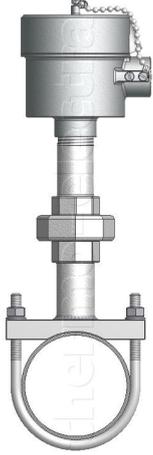
Ordering code

Type



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## ME 7096 Surface resistance thermometer for 2" pipe



ME 7096 pipe bracket mounted surface Pt100 sensor. Mainly used for surface temperature measurement on oil, gas or tubes up to 600°C. A 2" Stainless steel pipe clamp is clamped onto the tube surface, the tip sensitive Pt100 probe is springloaded to ensure positive contact pressure to the surface. This combination gives a replaceable design and allows the connection head and the cable gland to be accessible from the outside of the tube insulation cover shell. Standard sensor diameter 6.0 mm. Connectionhead weatherproof Stainless steel or Aluminium. Pt100 in 2, 3 or 4 wire system. Options: Head mounted two-wire transmitter and Atex Explosionproof certification.

Ordering code

Type

## 82524 Miniature Pt100 surface probe

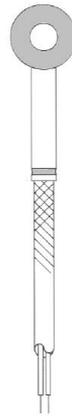


Miniature type Pt100 sensor. Stainless steel body. Dimensions appr. 23 x 10mm with a 4.5mm hole. Direct connected cable, IP54. Standard cable length 1000mm. Temperature range: -200°C to 240°C. Good chemical resistance. Teflon cable with stranded conductors. Accuracy to DIN IEC 60751 class B, optional class A. Single or duplex sensor. Options: ATEX Exe or Exi version Other dimensions and materials. Surface connection by means of glue or bolt.

Ordering code

Type

## WF 5895 Washer type Pt100 surface probe



Bolt-on industrial type Pt100 sensor. Stainless steel washer dim. 12 x 6mm with a 5mm hole, other washer dimensions possible. Direct connected cable, IP54. Standard cable length 4000mm. Temperature range: -200°C to 240°C. Good chemical resistance. Teflon or Silicone cable. Accuracy to DIN IEC 60751 class B, optional class A. Single or duplex sensor. Options: ATEX Exe Exi or Exd version. Other washer dimensions and materials

Ordering code

Type

## WF 5840 Surface resistance thermometer



Surface mounting block from nickel plated brass. Precision wire-wound Pt100 detector. Single or optional duplex. Connected in a 3 or optional 4 wire system. Accuracy to IEC 751 class B standard. Maximum temperature 400°C. Block dimensions: 35 x 20 x 10mm. Mounting hole 5.2mm. Heat resistant cable with steel overbraiding. Cable length 3000mm.

Ordering code

Type



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## MAG-01 Powerful magnetic wall and surface mounting plate



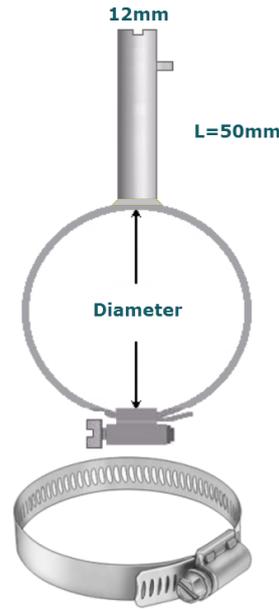
Powerful magnet mounting plate for indoor and outdoor usage, equipped with four high temperature magnets, each 2500 Oe. (200 kA/m). Maximum temperature 300 °C Stainless steel SS316 Mounting plate, 100x100mm has a bayonet mount for installation of spring-loaded sensors with a diameter up to 6mm. Bajonet connection for 1 or 2 slots and available in 2 different diameters

Ordering code

Type

MAG-01

## MA 5080 Pipe-Clamp Adaptors



Pipe clamp adaptor Construction to accept springloaded sensors with bayonet cap 12.2mm One pin to suit single slot bayonet cap Total length 50mm Stainless steel adjustable clamp. Tube diameter must be specified. Unit can be used with 6mm outer diameter sensors

Ordering code

Type

MA 5080

