



PT100 CUSTOM SENSORS



- 1 Class A platinum resistance thermometers
- 2 Up to 3 km / 1.9 mi range
- 3 Probe length up to 10 meters

Accurate wireless temperature monitoring for virtually any application.



Standard
range: -50 °C to 180 °C
protection code: IP68
probe: stainless steel
cable: silicone

Ø\L	30	40	50	60	100	200
3	✓		✓		✓	
4	✓	✓	✓		✓	
5			✓			
6	✓	✓	✓	✓	✓	✓

DIMENSIONS IN MM



Extended
range: -190 °C to 260 °C
protection code: IP65
probe: stainless steel
cable: PTFE (Teflon)

Ø\L	30	40	50	60	100	200
4	✓	✓	✓		✓	
5			✓			
6	✓	✓	✓	✓	✓	✓

DIMENSIONS IN MM



Mantel
range: -200 °C to +600 °C
protection code: IP65
probe: stainless steel
cable: glass (-50 °C to 400 °C)

Ø\L	100	150	200	250	300
3	✓	✓	✓	✓	✓
6	✓	✓	✓	✓	✓

DIMENSIONS IN MM



G 1/2 Thread
range: -50 °C to 180 °C
protection code: IP68
probe: stainless steel
cable: silicone
G 1/4 also available

	50	100	150	200	300
G1/2	✓	✓	✓	✓	✓
G1/4	✓	✓	✓	✓	✓

DIMENSIONS IN MM



M6 Thread
range: -50 °C to 180 °C
protection code: IP68
probe: stainless steel
cable: silicone
M8 also available



Air
range: -35 °C to 105 °C
protection code: IP20
probe: stainless steel
cable: PVC
for air



Pendulum
range: -50 °C to 105 °C
protection code: IP54
probe: stainless steel
cable: PVC



Food Grade
range: -50 °C to 260 °C
protection code: IP68
probe: stainless steel
cable: PTFE (Teflon)



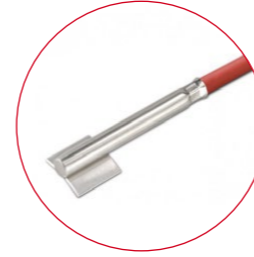
Magnetic
range: -50 °C to 180 °C
protection code: IP54
probe: stainless steel
cable: silicone



Pipe Aluminium
range: -50 °C to 180 °C
protection code: IP68
probe: aluminum
cable: silicone
for refrigerator or plastic pipe



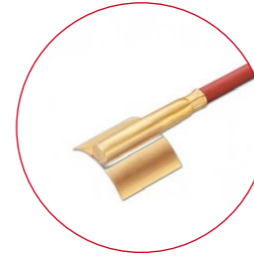
Pipe Aluminium Extended
range: -190 °C to 260 °C
protection code: IP54
probe: aluminum
cable: PTFE (Teflon)
for refrigerator or plastic pipe



Pipe Stainless
range: -50 °C to 180 °C
protection code: IP68
probe: stainless steel
cable: silicone
for water / heat pipe



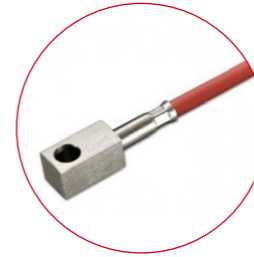
Pipe Stainless Extended
range: -190 °C to 260 °C
protection code: IP54
probe: stainless steel
cable: PTFE (Teflon)
for refrigerator / heat pipe



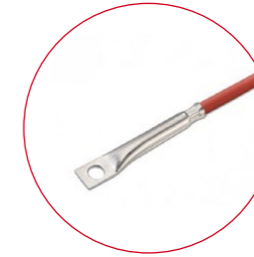
Pipe Brass
range: -50 °C to 180 °C
protection code: IP68
probe: nickel brass
cable: silicone
for water / heat pipe



Pipe Brass Extended
range: -190 °C to 260 °C
protection code: IP54
probe: nickel brass
cable: PTFE (Teflon)
for refrigerator / heat pipe



Block Bore
range: -50 °C to 180 °C
protection code: IP68
probe: stainless steel
cable: silicone
for flat surface



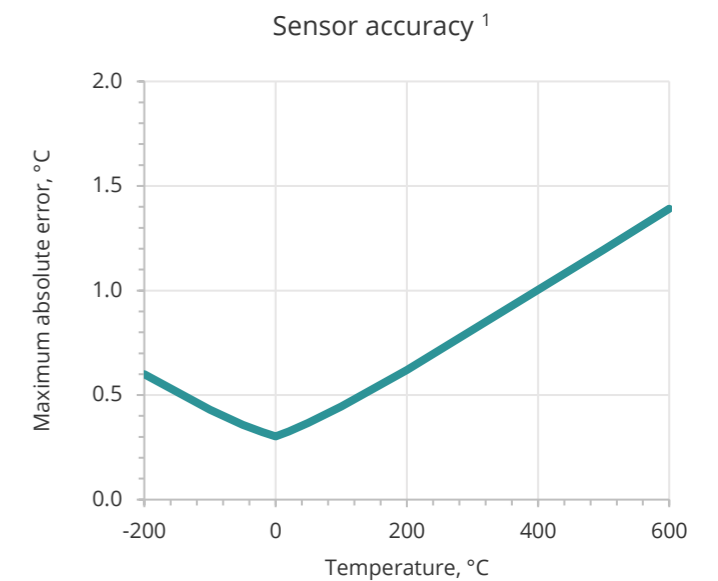
Borehole
range: -50 °C to 180 °C
protection code: IP68
probe: stainless steel
cable: silicone
for flat surface



Aranet PT100 sensors are now available with more than 20 different custom probes for all your specific temperature monitoring needs.

The probes come in different sizes, shapes and even materials allowing for incredible flexibility to tailor the solution for each specific case.

All Aranet PT100 sensors utilize 4-wire configuration for most precise measurements, superior to 3-wire and 2-wire circuits. Minimum order quantity for each custom probe sensor is 10 pieces



¹ Considering temperature of the radio transmitter being constant +25 °C.

www.aranet.com

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