

Aranet PT100 Custom sensors



- ① Class A platinum resistance thermometers
- ② Up to 3 km / 1.9 mi range
- ③ Probe length up to 10 m / 33 ft



Accurate wireless temperature monitoring for virtually any application.

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.



Standard #0
Range: -60 °C to 180 °C
(-76 °F to 356 °F)
Ingress protection code: IP68
Probe: stainless steel /
6 x 100 mm (0.2 x 3.9 in)



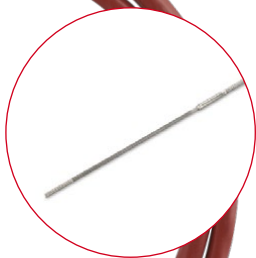
Extended #E
for COVID-19 Vaccine
Storage Monitoring
Range: -190 °C to 260 °C
(-310 °F to 500 °F)
Ingress protection code: IP68
Probe: stainless steel /
6 x 100 mm (0.2 x 3.9 in)



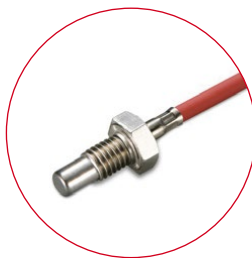
Magnetic #M
Range: -60 °C to 180 °C
(-76 °F to 356 °F)
Ingress protection code: IP68
Probe: aluminium



G 1/2 Thread #G
Range: -60 °C to 180 °C
(-76 °F to 356 °F)
Ingress protection code: IP68
Probe: stainless steel /
6 x 100 mm (0.2 x 3.9 in)
G 1/4 also available



Mantel #J
Range: -200 °C to 600 °C
(-328 °F to 1112 °F)
Ingress protection code: IP54
Probe: stainless steel /
3 x 200 mm (0.1 x 7.9 in)
Cable insulation material:
glass (-60 °C to 400 °C /
-76 °F to 752 °F)



M6 Thread #H
Range: -60 °C to 180 °C
(-76 °F to 356 °F)
Ingress protection code: IP68
Probe: stainless steel
M8 also available



Food Grade #F
Range: -190 °C to 260 °C
(-310 °F to 500 °F)
Ingress protection code: IP68
Probe: stainless steel /
4 x 140 mm (0.2 x 5.5 in)



Pipe Aluminium #T
 Range: -60 °C to 180 °C
 (-76 °F to 356 °F)
 Ingress protection code: IP68
 Probe: aluminum
 For refrigerator or plastic pipe



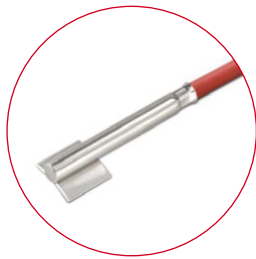
Pipe Stainless Extended #Q
 Range: -190 °C to 260 °C
 (-310 °F to 500 °F)
 Ingress protection code: IP68
 Probe: stainless steel
 For refrigerator / heat pipe



Pipe Aluminium Extended #V
 Range: -190 °C to 260 °C
 (-310 °F to 500 °F)
 Ingress protection code: IP68
 Probe: aluminum
 For refrigerator or plastic pipe



Pipe Brass #R
 Range: -60 °C to 180 °C
 (-76 °F to 356 °F)
 Ingress protection code: IP68
 Probe: nickel brass
 For water / heat pipe



Pipe Stainless #P
 Range: -60 °C to 180 °C
 (-76 °F to 356 °F)
 Ingress protection code: IP68
 Probe: stainless steel
 For water / heat pipe



Pipe Brass Extended #S
 Range: -190 °C to 260 °C
 (-310 °F to 500 °F)
 Ingress protection code: IP68
 Probe: nickel brass
 For refrigerator / heat pipe



Block Bore #L
 Range: -60 °C to 180 °C
 (-76 °F to 356 °F)
 Ingress protection code: IP68
 Probe: stainless steel
 For flat surface

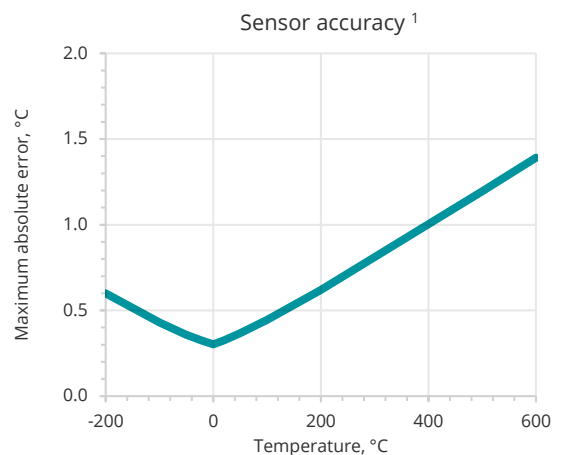


Borehole #K
 Range: -60 °C to 180 °C
 (-76 °F to 356 °F)
 Ingress protection code: IP68
 Probe: stainless steel
 For flat surface

Each Aranet PT100 sensor has its own part number that consists of 12 characters:

- **TDSPT306.xx#**
 - **TDSPT306.** – remain unchanged
 - **xx** – cable length in meters (range 1-10m / 3.3. - 33 ft)
- # – probe type**

Create the part number based on your needs and order Aranet PT100 sensors!



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



For more detailed information about Aranet products, please visit www.aranet.com, contact your Aranet representative or write to info@aranet.com. Product specifications are subject to change without prior notice. © 2020 SAF Tehnika, JSC. All rights reserved.