

## **Remote Reading Gas Filled Thermometers Stainless Steel Version**



### **APPLICATIONS**

Chemical and petrochemical industry.

Marine equipment, machine building and general plant construction.

### **DESCRIPTION**

These series of thermometers are designed for remote reading of the temperature, with capillary tubing between case and sensing bulb. The entire thermometer is filled with an inert nitrogen gas offering fast response. The material is all Stainless Steel 304.

### **GENERAL SPECIFICATIONS**

**Case:** corrosion resistant SS304 case and bezel. Designed and constructed to provide a hermetic seal IP65, which prevents fogging and damage caused by moisture to the working components.

**Dial:** aluminum with white matt finish, flat type. It offers accurate indication of °C and °F scales.

**Window:** glass lens, gasketed to maintain weather tight integrity.

**Stem:** different stem lengths are available.

**Bimetal Element:** an extremely responsive temperature sensing element which has been carefully sized and tested in order to ensure continued accuracy.

**Standards:** QualityWell manufactures remote reading thermometers in compliance with the ISO 9001:2008 and ASME B40.4 standards.

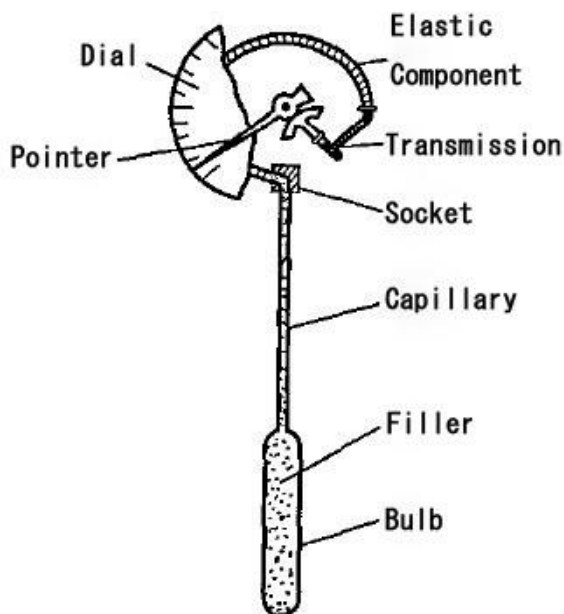
**Accuracy:** guaranteed to be Grade B accurate in accordance with the ASME B40.4 standard.

**One Year Warranty:** the units are guaranteed to be free from defects in material and workmanship under normal use and service.

## STANDARD FEATURES

<b>Measuring element:</b>	bi-metal coil
<b>Case:</b>	SS304
<b>Bezel:</b>	SS304, sealed type
<b>Nominal Size:</b>	2"(50mm) 2.5"(63mm) 4"(100mm) 6"(150mm)
<b>Dial:</b>	aluminum, flat, black lettering
<b>Pointer:</b>	aluminum, black
<b>adjustment:</b>	micro pointer adjustment
<b>Window:</b>	gasketed glass
<b>Hermetic seal:</b>	waterproof
<b>Stem:</b>	SS304, diameter 8mm/10mm /12mm different lengths are available
<b>Connection:</b>	Bottom with rear flange, back with front flange
<b>Accuracy:</b>	+/-2%
<b>Range:</b>	single in °C or °F, double in °C & °F
<b>Ingress protection:</b>	IP65
<b>Temperature limits for storage and transport:</b>	-20 ... +60°C

## Schematic Drawing:



# How to Order

QualityWell  
Standard

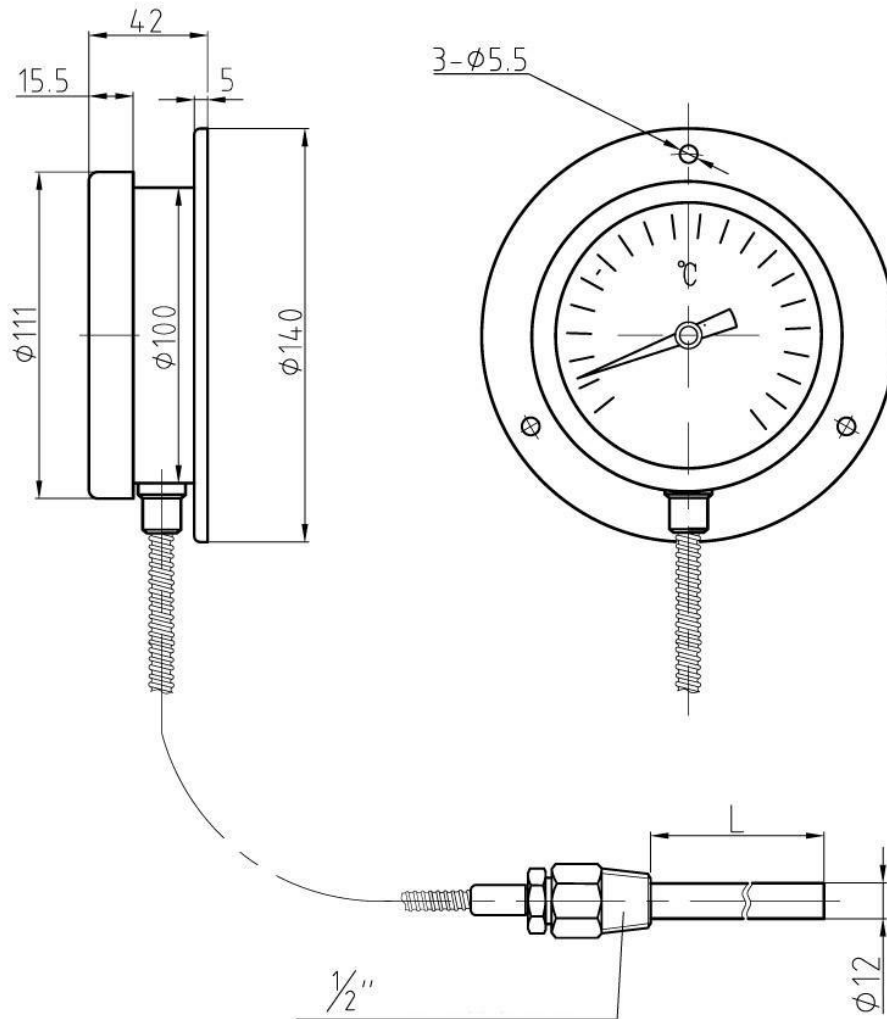
200	-	2"	(50mm)
221	-	2.5"	(63mm)
400	-	4"	(100mm)
600	-	6"	(150mm)

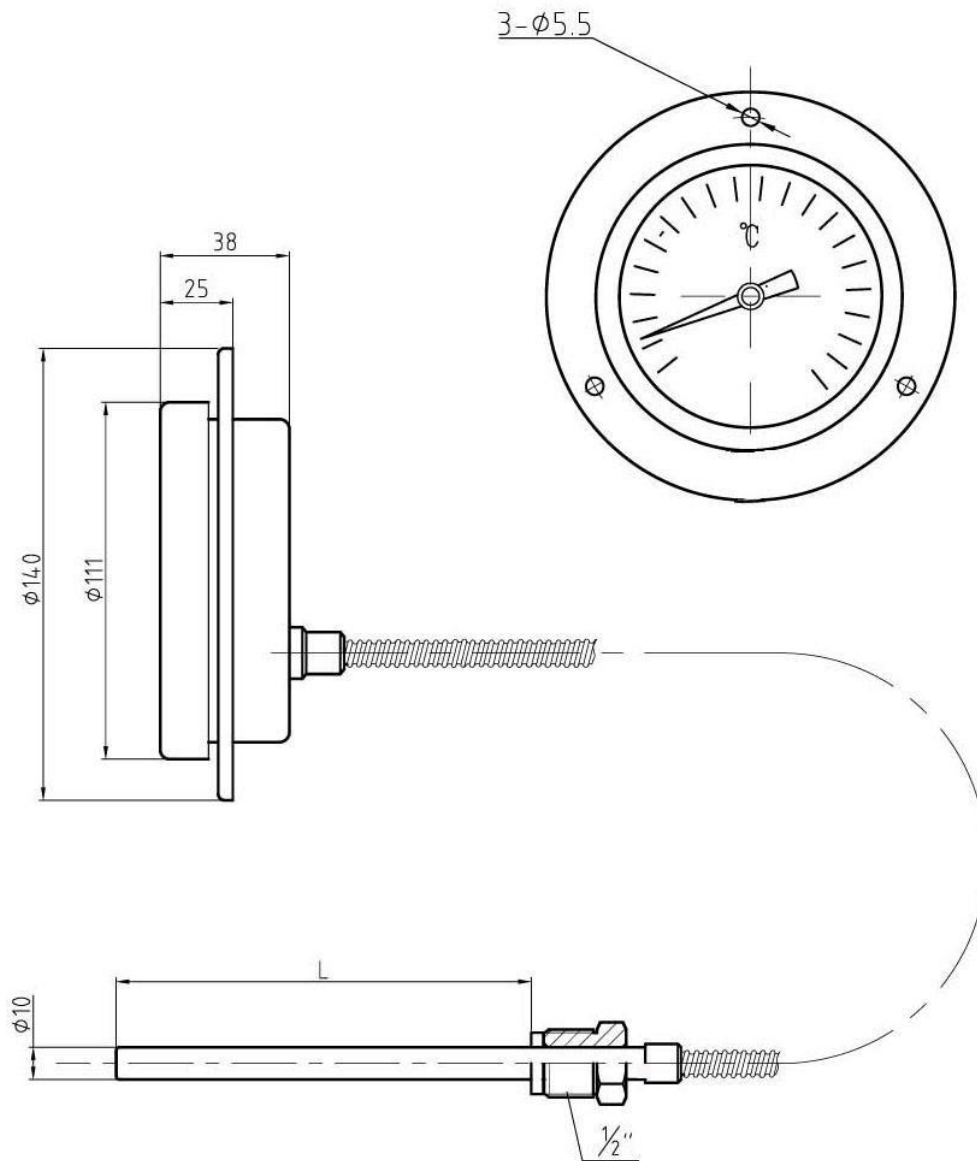
RF - REMOTE READING THERMOMETER	
1 - Bottom	2 - Back
1 - Front Flange	2 - Rear Flange
0 - Without Connection	1 - With Connection
1 - Plastic Case	2 - S.S.304 Case
3 - Alloy Case	4 - Steel Case
1 - Polycarbonat lens	2 - Glass lens
All Ranges from -50C~+500C	
D-Dry Structure O-Oil filled	
☆ Options: A-Capillary Length B-Oil filled or Dry C-Stem Diam & Length (available)	

400	RF	1	2	1	2	2	(Range)	D
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Bottom



Back