

# Industrial Glass Thermometers

Type TI.61102/TI.61104  
TI.62102/TI.62104



- Retro-Fits Existing Thread Sizes
- Small Compact Design
- Accuracy  $\pm 1\%$  full scale

WIKA's 6" industrial glass thermometers are ideal for process piping, HVAC/R applications, diesel engines, compressors, and brine lines. This series of thermometers is manufactured in straight and back connected configurations, and come with a standard dual threaded brass socket with both 1/2" and 3/4" NPT connections.

## Standard Features

- **Case:** V-shaped gray GE Valox® ; wide angle construction
- **Glass Front:** Protective glass cover retained within outer edges of case. Spring pressure created by V-scale secures glass against case and prevents rattling. Cover plate completes assembly.
- **Tube and Scale:** Blue liquid (non-mercury fill). V-shaped scale designed with extra large black numbers. Crosslocked scale holding device prevents loosening or shifting of scale and removes holes and screws that interfere with scale markings or numerals.
- **Stem and Socket Assembly:** Brass stem ensures fast response to temperature changes. The standard socket is made of brass and dual threaded for 1/2" and 3/4" NPT.
- **Accuracy:**  $\pm 1\%$  of full scale range

Datasheets: [TI.61102](#), [TI.61104](#)  
[TI.62102](#), [TI.62104](#)

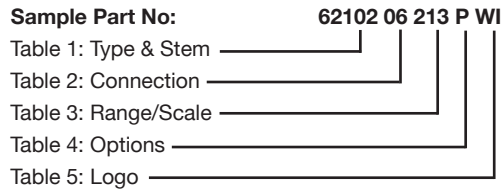
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# Ordering Industrial Glass Thermometers

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**Table 1 - Thermometer & Stem Length**

Code	Description	U
61102	Straight with 2" stem	1.31"
62102	Back with 2" stem	1.31"
61104	Straight with 4" stem	3.31"
62104	Back with 4" stem	3.31"

**Table 2 - Connection**

Code	Description
00	None - swivel nut connection
06	1/2" and 3/4" brass well

**Table 3 - Range**

°F ONLY			°C ONLY			COMBINATION °F & °C		
Code	°F	Scale Div.	Code	°C	Scale Div.	Code	°F & C	Scale Div.
201	-40/110	2	115	-40/45	1	001	-40/110 F (-45/45 C)	2/1
203	20/120	2	102	-5/50	1	003	20/120 (0/50 C)	2/1
213	20/180	2	118	0/110	2	013	20/180 (0/80 C)	2/2
207	30/240	2	108	0/150	2	007	30/240 (5/110 C)	2/2
208	30/300	5	106	10/200	5	008	30/300 (0/150 C)	5/2
209	50/400	5	n/a	n/a	n/a	009	50/400 (10/200 C)	5/5

**Table 4 - Options**

Code	Description
P	Plastic window

**Table 5 - Logo**

Code	Description
WI	WIKA standard

**Thermometer with 1/2" x 3/4" NPT Brass Thermowell**

Model Number	Range Code	Description
6110206	*	Straight form with "U" dimension 1.31"
6210206	*	Back form with "U" dimension 1.31"
6110406	*	Straight form with "U" dimension 3.31"
6210406	*	Back form with "U" dimension 3.31"

**Thermometer with Swivel Nut Connection**

Model Number	Range Code	Description
6110200	*	Straight form with "U" dimension 1.31"
6210200	*	Back form with "U" dimension 1.31"
6110400	*	Straight form with "U" dimension 3.31"
6210400	*	Back form with "U" dimension 3.31"

\*1/2" x 3/4" NPT dual threaded thermowell only #TA800-6206-BR- fits 2" stem length

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