



**TEL-TRU Manufacturing Co.**

# **DIGI-TEL™ THERMOMETERS**



**[www.teltru.com](http://www.teltru.com)**

*Temperature + Pressure*      *Since 1916*

**MADE IN  
USA**



MODELS

Features:

- All models available in both Loop and Battery Power versions
- High visibility 1" tall digital display
- Back lit display is available (standard) on Loop Power version for easy readability in low light
- NIST traceable calibration certificate standard with each unit

INDUSTRIAL MODELS



Model ND5  
Direct Mount  
Industrial Digital  
Thermometer, 5" dial



Model ND4  
Remote Mount Industrial  
Digital Thermometer,  
4.5" dial

SANITARY MODELS



Model SD5  
Direct Mount Sanitary  
Digital Thermometer, 5" dial



Model SD4  
Remote Mount Sanitary  
Digital Thermometer,  
4.5" dial



## SPECIFICATIONS AND FEATURES

### ► CONFIGURATION CHOICES:

- Battery and Loop powered
- Industrial and Sanitary
- Direct and Remote mount

### ► DISPLAY

- Temperature range span -75/750°F or -60/400°C
- Accuracy either  $\pm 2^\circ\text{F}$  or  $\pm 0.5^\circ\text{F}$  from  $0^\circ\text{F}$  to  $300^\circ\text{F}$  (specify when ordering)
- Accuracy below  $32^\circ\text{F}$  and above  $300^\circ\text{F}$ , add  $\pm 0.0065^\circ\text{F}$  per degree
- Resolution  $0.1^\circ\text{F}$  or C
- Sample rate 3 sec.
- NIST traceable factory calibration
- High-visibility 1" tall LCD display
- Back lit display standard on loop powered models
- Field Replaceable battery 2 year 3.6V 1/2 AA Lithium, battery powered configuration only
- Error codes noted on display if problem is detected
- Microprocessor technology for improved stability, accuracy and PC based field calibration

### ► PROBE

- RTD sensor Pt1000 2-wire
- 316 Stainless Steel
- Stems 2 ½" to 48" x 0.25" diameter
- Connection fittings:
  - ½" NPT – standard
  - Available options:
    - ½" NPT Union,
    - ½" BSPT
    - 1¼ x 18 UNEF-2A with ⅝" stem and tapered bulb
    - Plain bushing if sliding union required
    - Tri-Clover 3-A sanitary flanges - sizes ¾" to 4"

### ► HOUSING

- 5" (127mm) 304SS case with direct mounted 316SS sensor probe
  - Back connected
  - Bottom connected
  - Adjustable angle
- 4½" (115mm) polypropylene body with remote sensor and Teflon covered cable up to 100 ft. (30.48m)

### ► ENVIRONMENTAL

- Ambient operating temperature range -40°F to 176°F (-20°C to 80°C)
- Relative humidity  $\leq 90\%$  non-condensing
- Mechanical shock  $\leq 100\text{ g}$
- Vibration 5 to 60 Hz, 1G max
- Conforms to EU/EMC directive 2004/108/EC
- Enclosure rating IP66

### ► OUTPUT (loop powered configuration only)

- Output Range Available within specified display range
- Minimum span  $45^\circ\text{F}$  ( $25^\circ\text{C}$ )
- Maximum span  $360^\circ\text{F}$  ( $200^\circ\text{C}$ )
- Output signal accuracy  $\pm (0.18^\circ\text{F} + 0.1\% \text{ span}) \pm (0.1^\circ\text{C} + 0.1\% \text{ span})$
- Output 4-20 mA
- Loop powered 9-32 VDC, polarity protected

### ► OTHER

- Weight approximately 2 lbs, depending on connection and stem length
- Serial number on each unit for identification
- Warranty 5 years from shipment:  
[www.teltru.com/t-warranty.aspx](http://www.teltru.com/t-warranty.aspx)
- Certificate of Calibration – traceable to NIST (standard)
- Factory recertification and maintenance program (optional)
- Non-warranty repair service available.



TRACEABLE TO  
**NIST**





### Direct Mount

### Remote Mount

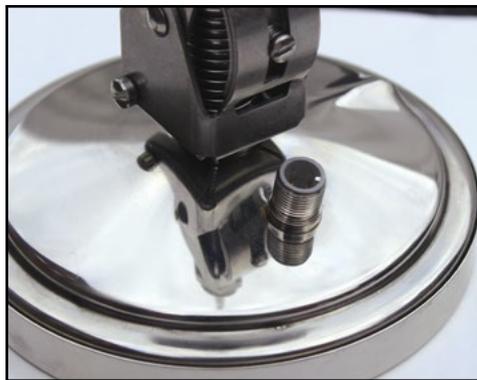
#### ILLUMINATED DISPLAY

- Ideal for reading temperature in low or no light conditions
- Requires no additional power
- Available on loop powered models only (standard)



#### LOOP POWERED OPTION

Digi-Tel thermometers are available with loop powered 4-20mA transmitter output. These feature-rich units provide reliable transmitter output to remote devices within a facility or can be integrated into expanded control systems to help processes run more efficiently.

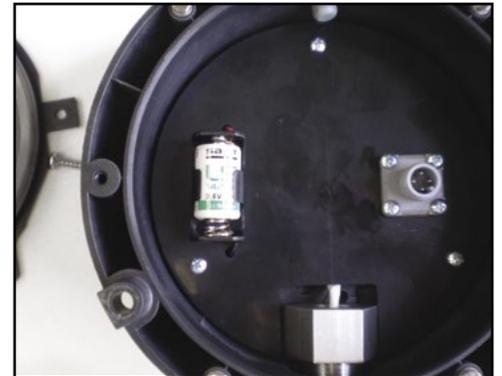
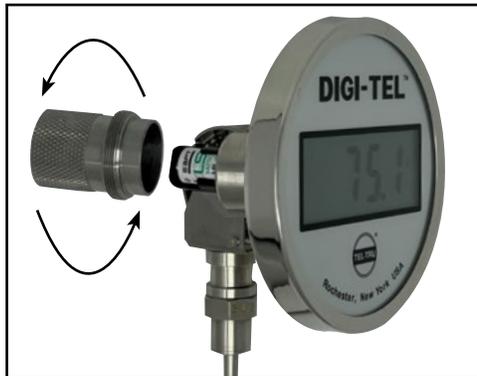


#### CHANGING BATTERIES

Replace battery with a 3.6V 1/2 AA Lithium battery (Saft LS 14250 or equivalent), with negative terminal at spring end of battery holder.

Full instructions available at:

<https://www.teltru.com/images/document/digitel/01204010.pdf>



#### PROGRAMMING SOFTWARE

##### Optional

- Field calibration
  - User-selectable display resolution
- Contact Tel-Tru for more information.

#### Optional Items

Code	Description
96003602	Tagging, 316 stainless steel engraved
10000004-DT	Certificate of Compliance & Origin
<b>Contact Factory</b> Non-Warranty Repair Service	
96021301	Calibration Recertification Service
4906301	Cable for calibration, USB*
4906601	Cable for calibration, USB**
4906602	Adapter cable, loop power** <i>(Required for calibrating loop powered models)</i>
96017901	Replaceable 2 year 3.6V 1/2 AA Lithium Battery
<b>M12 Cordsets</b>	
96011501	Cordset, 2 meter M12x1 4-pin right angle shielded PVC w/free leads, IP67
96011601	Cordset, 5 meter M12x1 4-pin right angle shielded PVC w/free leads, IP67

\* For units manufactured before 10/1/21 and labeled Tel-Tru on the dial.

\*\* For units manufactured after 10/1/21 and labeled Digi-Tel on the dial.



The Digi-Tel Electronic Thermometer Series offers a variety of configurations, in response to demanding food processing, dairy engineering, and process industry environments.

- Digi-Tel models meet FDA Rule 21 CFR 113.40 requirements for temperature indicators used in retorts, and the requirements of the Pasteurized Milk Ordinance for dairy applications.
- Each Digi-Tel thermometer is sold with a NIST traceable calibration certificate.
- Third party testing confirms that all models meet stringent environmental specifications, ensuring that they will stand up to the most rugged applications.
- Digi-Tel thermometers are backed by a five-year warranty.

### Easy to Use Field-Replaceable Battery Option

These units are designed to reduce down time. They are an ideal solution as a direct replacement of industrial liquid-in-glass or bimetal thermometers, and for reading accurate temperatures from a long distance where Loop output isn't needed. Battery models are available in Direct Mount and Remote Mount.

### Loop Powered 4-20 mA Option

These feature-rich units provide reliable 4-20 mA output for integration into control systems.

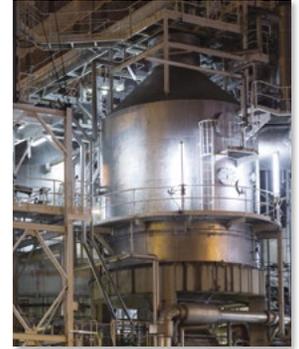
The Digi-Tel series is designed with a variety of temperature measuring applications in mind. The Direct Mount models feature an all stainless steel 5" diameter case with a reliable, easy-to-read 1" tall display and a temperature range of -75 to 750°F (or -60 to 400°C). The Remote Mount units feature a 4.5" diameter polypropylene wall mounted housing and remote sensor that can be located up to 100 feet (30.48m) from the display. All models can be configured with loop power providing a standard backlit display. Stem lengths range from 2-½" to 48", with a variety of threaded and sanitary fittings.

Digi-Tel Electronic Thermometers provide instrument engineers additional configuration options with the solid durability and accuracy required for the most demanding industrial applications!

All Digi-Tel thermometers are calibrated and tested with a calibrated instrument with indications that are fully traceable to NIST. A statement of accuracy and NIST traceability is supplied with each Digi-Tel thermometer. Loop powered or long-life lithium battery powered, the new Digi-Tel series has a five year warranty from date of shipment to you.

## ► GENERAL INDUSTRIAL APPLICATIONS

- A direct replacement alternative for Liquid-in-Glass Thermometers, Bimetal Thermometers, and Gas or Vapor Actuated Remote Reading Thermometers
- Easy to read from a distance
- Rugged and heavy duty
- High accuracy
- Long life batteries
- Simple installation into existing thermowells



## ► RETORT APPLICATIONS

Meets the requirement of FDA Rule 21 CFR Part 113.40: Equipment used for thermally processed low acid foods packed in hermetically sealed containers, specifies the use of at least one temperature indicating device per retort. Requirements include:

- Accurate to  $\pm 1^\circ\text{F}$  ( $\pm .5^\circ\text{C}$ ) tested and traceable to NIST
- Certified calibration provided with every unit
- Identified with a tag number
- Shock and vibration tested
- Environmental protection vs. spray
- Integrated display and sensor assembly
- Resistant to electromagnetic interference



## ► DAIRY APPLICATIONS

Pasteurized Milk Ordinance (PMO) requires the following specifications for indicating thermometers:

- Accurate to  $\pm .5^\circ\text{F}$  tested and traceable to NIST
- Sealed and tamper-proof probe and sensor assemblies
  - Shock and vibration tested
  - Environmental protection vs. spray
  - Tamper-proof calibration method
  - Self diagnostic circuit-failure detection noted on display
- Meets 3-A Sanitary Standard 74-07 requirements



# DIGI-TEL INDUSTRIAL DIRECT MOUNT THERMOMETERS, 5" CASE

Tel-Tru Electronic Thermometers offer a high visibility read-out, maximum accuracy, rugged convenience, and industry-leading value for your investment.

**Ordering Example:** Model ND5A 5" adjustable angle, field replaceable battery, -75/750°F range, ±0.5F degree accuracy, glass lens, 316SS .250" blunt probe diameter, 2.5" probe length, 1/2" NPT union, Certificate of Calibration traceable to NIST

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>
N D 5 A	B	0 9	1 1	1	P 2 2	0 2	2



Convenient replacement for glass industrial type thermometer, into existing thermowells

<b>A</b>	<b>Case Size and Mounting - Industrial</b>	
	ND5A	5" Adjustable Angle
	ND5B	5" Back Connect
	ND5C	5" Bottom Connect at 6:00 Position
	ND5D	5" Right Connect at 3:00 Position
	ND5E	5" Left Connect at 9:00 Position
	ND5F	5" Top Connect at 12:00 Position
<b>B</b>	<b>Power Option</b>	
	B	Field replaceable battery
	C	Loop powered with 4-20mA transmitter output w/back lit display
<b>C</b>	<b>Range</b>	
	Display ranges for power option B	
	09	-75/750°F
	58	-60/400°C
	Transmitter output ranges for power option C ONLY	
	51	-100/100°F
	52	-50/120°F
	53	-40/160°F
	54	0/140°F
	55	0/180°F
	50	0/200°F
	56	0/220°F
	67	0/250°F
	57	0/300°F
	59	20/240°F
	60	25/125°F
	61	50/250°F
	62	50/300°F
	63	50/400°F
	EA	-70/70°C
	71	-50/100°C
	72	-50/25°C
	73	-50/50°C
	84	-40/70°C
	86	-20/120°C
	74	-10/110°C
	75	0/50°C
	95	0/60°C
	EI	0/80°C
	76	0/100°C
	77	0/150°C
	78	0/200°C
<b>D</b>	<b>Display Accuracy</b>	
	21	±2°F (±1.1°C) Battery powered only
	11	±0.5°F (±0.3°C) Battery and loop powered
<b>E</b>	<b>Lens</b>	
	1	Glass (Std)
	3	Polycarbonate
<b>F</b>	<b>Type and Diameter</b>	
	P22	316SS Blunt (Std), .250" Diameter
	P32	316SS Pointed, .250" Diameter
	P55	316SS 5/8" stem with 7/16" tapered bulb
<b>G</b>	<b>Probe Length*</b>	
	Available for probe types P22 and P32	
	02	2.5"
	04	4"
	06	6"
	09	9"
	12	12"
	15	15"
	18	18"
	24	24"
	30	30"
	36	36"
	42	42"
	48	48"
	Available for probe type P55 only to fit nominal lengths of MIG Thermowells	
	BE	3.5"
	06	6"
	09	9"
	12	12"
<b>H</b>	<b>Connection</b>	
	Available for probe types P22 and P32	
	6	1/2" NPT
	2	1/2" NPT Union
	7	1/2" BSPT
	4	Plain Bushing
	Available for probe type P55 only	
	5	1-1/4" x 18 UNEF-2A Swivel Nut

Calibration Certificate standard with every unit.

\*Custom stem length available



➤ ND5BC

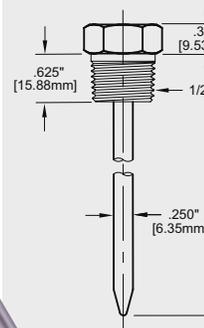


➤ ND5CC

Additional probe options

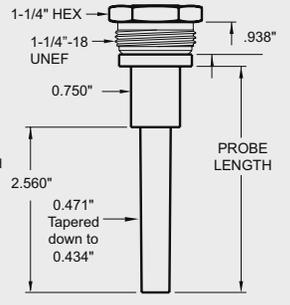
**P32 Probe**

1/4" stem, pointed



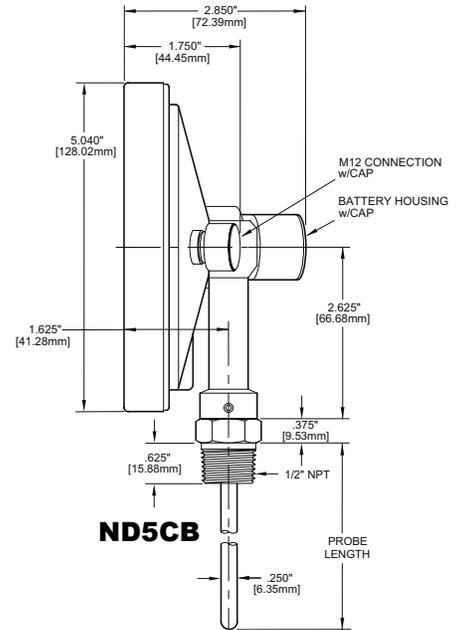
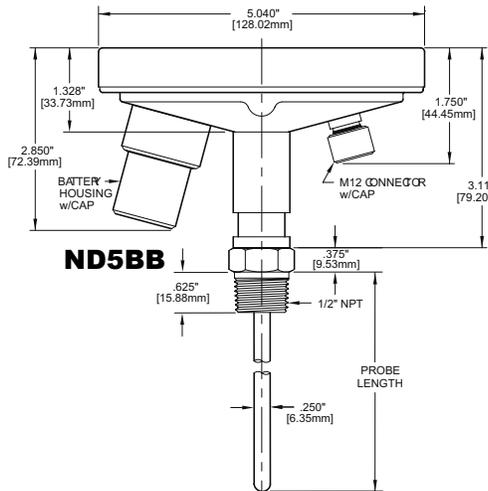
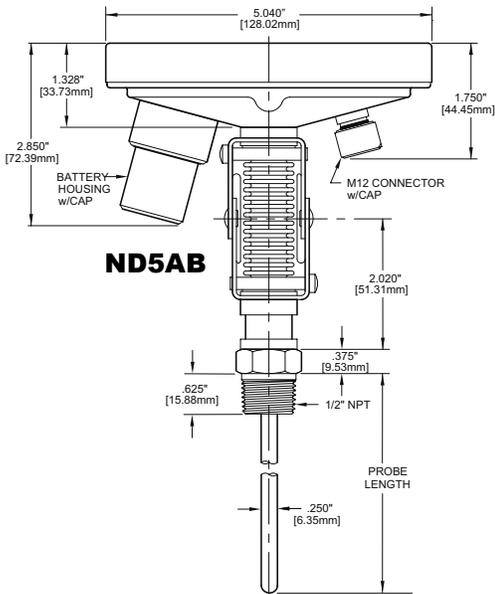
**P55 Probe**

5/8" stem with 7/16" tapered bulb



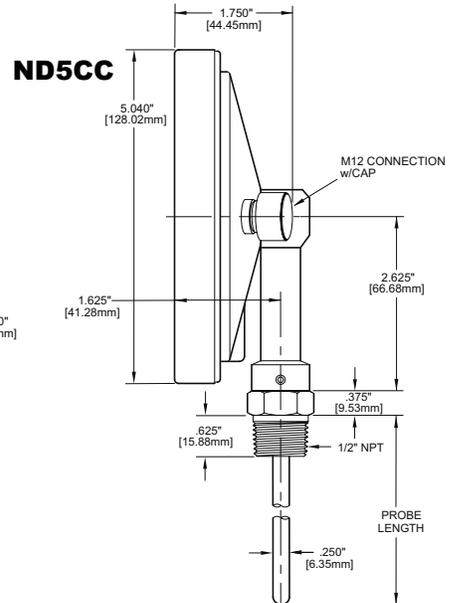
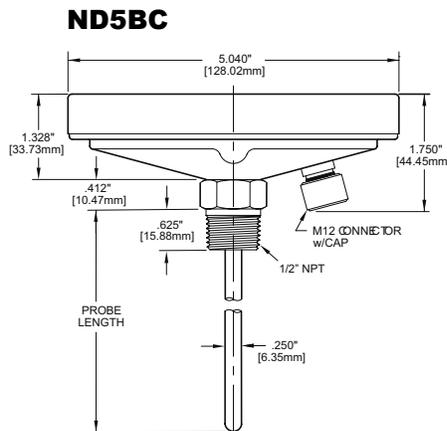
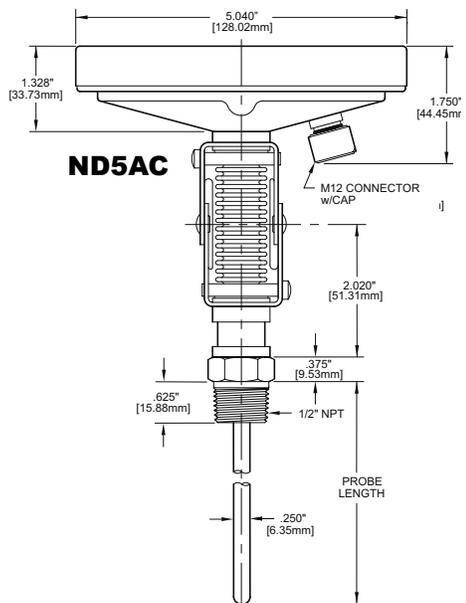
➤ BATTERY POWERED MODEL DIMENSIONS:

with standard P22 1/4" blunt probe



➤ LOOP POWERED MODEL DIMENSIONS:

with standard P22 1/4" blunt probe



# DIGI-TEL SANITARY DIRECT THERMOMETERS, 5" CASE

This heavy duty thermometer meets 3-A Standard Sanitary Standard 74-07 requirements for Sensors and Sensor Fittings and Connections Used on Milk and Milk Products Equipment." Other application markets include the food and beverage processing and pharmaceutical industries.

**Ordering Example:** Model SD5B, 5" back connect, loop powered with 4-20mA transmitter output, 50/300°F range, ±0.5°F accuracy, polycarbonate lens, .250" blunt probe diameter, 2.5" probe length, 1½" Tri-Clamp® connection, Certificate of Calibration traceable to NIST.

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>
S	D	5	B	C	6	2	1
1	3	P	2	2	0	2	3
-	1	0					



P22 Probe



Calibration Certificate standard with every unit.

<b>A</b>	<b>Case Size and Mounting - Industrial</b>	
	<b>SD5A</b>	5" Adjustable Angle
	<b>SD5B</b>	5" Back Connect
	<b>SD5C</b>	5" Bottom Connect at 6:00 Position
	<b>SD5D</b>	5" Right Connect at 3:00 Position
	<b>SD5E</b>	5" Left Connect at 9:00 Position
	<b>SD5F</b>	5" Top Connect at 12:00 Position
<b>B</b>	<b>Power Option</b>	
	<b>B</b>	Field replaceable battery
	<b>C</b>	Loop powered with 4-20mA transmitter output w/back lit display
<b>C</b>	<b>Range</b>	
	<i>Display ranges for power option B</i>	
	<b>09</b>	-75/750°F
	<b>58</b>	-60/400°C
	<i>Transmitter output ranges for power option C ONLY</i>	
	<b>51</b>	-100/100°F
	<b>52</b>	-50/120°F
	<b>53</b>	-40/160°F
	<b>54</b>	0/140°F
	<b>55</b>	0/180°F
	<b>50</b>	0/200°F
	<b>56</b>	0/220°F
	<b>67</b>	0/250°F
	<b>57</b>	0/300°F
	<b>59</b>	20/240°F
	<b>60</b>	25/125°F
	<b>61</b>	50/250°F
	<b>62</b>	50/300°F
	<b>63</b>	50/400°F
	<b>EA</b>	-70/70°C
	<b>71</b>	-50/100°C
	<b>72</b>	-50/25°C
	<b>73</b>	-50/50°C
	<b>84</b>	-40/70°C
	<b>86</b>	-20/120°C
	<b>74</b>	-10/110°C
	<b>75</b>	0/50°C
	<b>95</b>	0/60°C
	<b>EI</b>	0/80°C
	<b>76</b>	0/100°C
	<b>77</b>	0/150°C
	<b>78</b>	0/200°C
<b>D</b>	<b>Display Accuracy</b>	
	<b>21</b>	±2°F (±1.1°C) Battery powered only
	<b>11</b>	±0.5°F (±0.3°C) Battery and loop powered
<b>E</b>	<b>Lens</b>	
	<b>1</b>	Glass (Std)
	<b>3</b>	Polycarbonate
<b>F</b>	<b>Probe Type and Diameter</b>	
	<b>P22</b>	316SS Blunt (Std), .250" Diameter
	<b>P32</b>	316SS Pointed, .250" Diameter
<b>G</b>	<b>Probe Length*</b>	
	<b>IC</b>	1.625"
	<b>02</b>	2.5"
	<b>CH</b>	4.5"
	<b>AT</b>	7.5"
	<b>DC</b>	10.5"
	<b>EC</b>	13.5"
	<b>FJ</b>	16.5"
	<b>JQ</b>	22.5"
<b>H</b>	<b>Connection</b>	
	<b>3-05</b>	3/4" Tri-Clamp (316LSS) **
	<b>3-10</b>	1½" Tri-Clamp (316LSS) ***
	<b>3-20</b>	2" Tri-Clamp (316LSS)
	<b>3-25</b>	2½" Tri-Clamp (316LSS)
	<b>3-30</b>	3" Tri-Clamp (316LSS)
	<b>3-40</b>	4" Tri-Clamp (316LSS)

Tri-Clamp is a registered trademark of Alfa Laval Inc. Corporation

\*\*used on both 1/2" and 3/4" lines

\*\*\*used on both 1" and 1 1/2" lines



➤ SD5BB

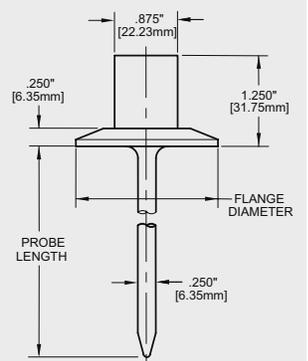
➤ SD5CB



Additional probe option

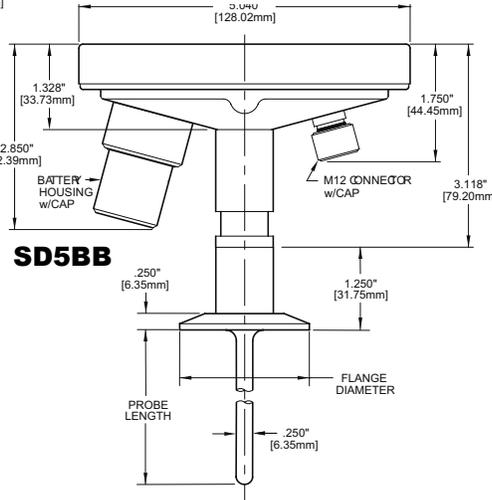
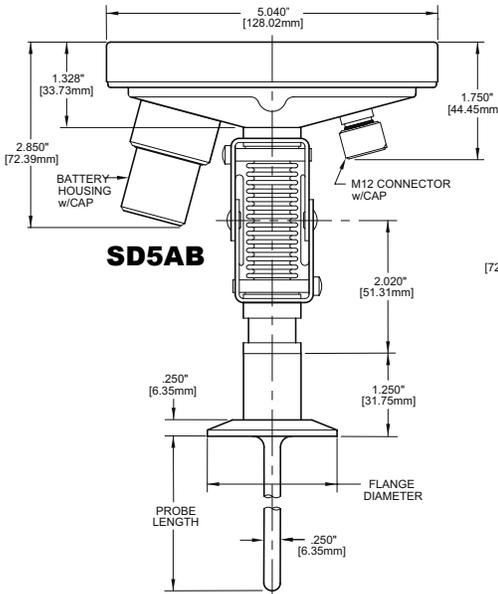
**P32 Probe**

1/4" stem, pointed

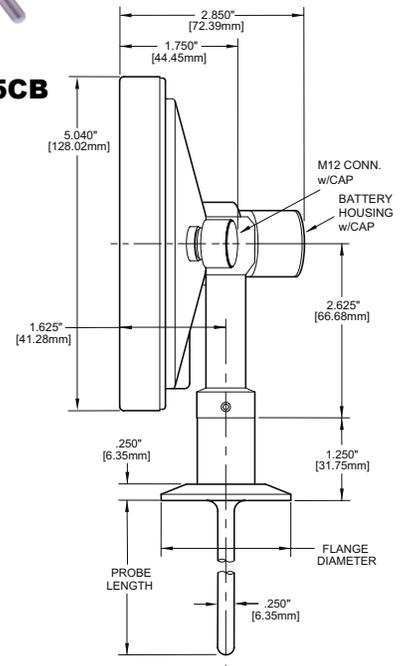


➤ **BATTERY POWERED MODEL DIMENSIONS:**

with standard P22 1/4" blunt probe

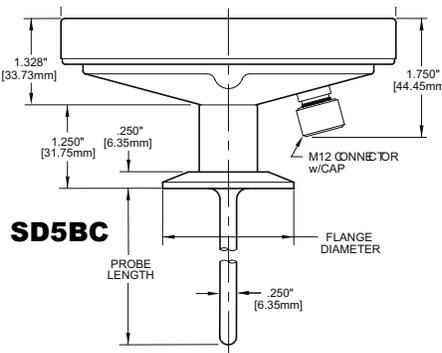
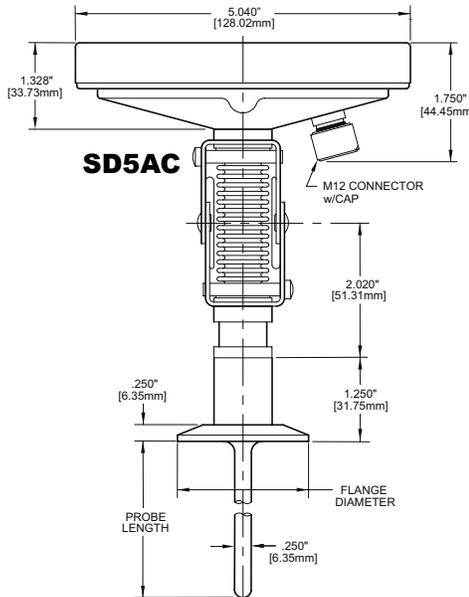


**SD5CB**

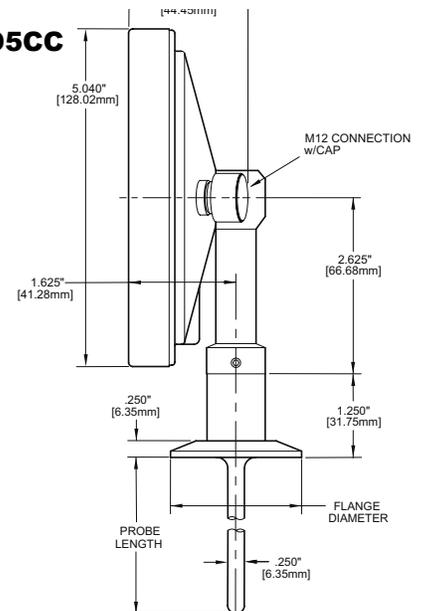


➤ **LOOP POWERED MODEL DIMENSIONS:**

with standard P22 1/4" blunt probe



**SD5CC**



# DIGI-TEL INDUSTRIAL REMOTE THERMOMETERS, 4½" CASE

The Tel-Tru ND4R Industrial Remote display is protected from volatile materials, high vibration, or other environmental conditions when mounted remotely from the sensor.

**Ordering Example:** Model ND4R, 4.5" remote mount, field replaceable battery, -75/750°F range, ±2°F accuracy, glass shatterproof lens, 316SS 5/8" stem with 7/16" tapered bulb, 6" probe length, 1-1/4" x 18 UNEF-2A swivel nut connection, 5 foot cable, Certificate of Calibration traceable to NIST

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>													
N	D	4	R	B	0	9	2	1	5	P	5	5	0	6	5	-	C	1	0	0	5

➤ **ND4R**



**P55 Probe**  
 Convenient replacement for glass industrial type thermometer, into existing thermowells

Code	Description																												
<b>A</b>	<b>Case Size and Mounting - Industrial ND4R</b> 4.5" Remote Mount																												
<b>B</b>	<b>Power Option</b> <b>B</b> Field replaceable battery <b>C</b> Loop powered with 4-20mA transmitter output w/back lit display																												
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<b>E</b>	<b>Lens</b> <b>5</b> Glass, Shatterproof (Std) <b>3</b> Polycarbonate																												
<b>F</b>	<b>Probe Type and Diameter</b> <b>P22</b> 316SS Blunt (Std), .250" Diameter <b>P32</b> 316SS Pointed, .250" Diameter <b>P55</b> 316SS 5/8" stem with 7/16" tapered bulb																												
<b>G</b>	<b>Probe Length*</b> <i>Available for probe types P22 and P32 above</i> <table style="width: 100%; border: none;"> <tr> <td><b>02</b> 2.5"</td> <td><b>18</b> 18"</td> </tr> <tr> <td><b>04</b> 4"</td> <td><b>24</b> 24"</td> </tr> <tr> <td><b>06</b> 6"</td> <td><b>30</b> 30"</td> </tr> <tr> <td><b>09</b> 9"</td> <td><b>36</b> 36"</td> </tr> <tr> <td><b>12</b> 12"</td> <td><b>42</b> 42"</td> </tr> <tr> <td><b>15</b> 15"</td> <td><b>48</b> 48"</td> </tr> </table> <i>Available for probe type P55 only to fit nominal lengths of MIG thermowells</i> <table style="width: 100%; border: none;"> <tr> <td><b>BE</b> 3.5"</td> </tr> <tr> <td><b>06</b> 6"</td> </tr> <tr> <td><b>09</b> 9"</td> </tr> <tr> <td><b>12</b> 12"</td> </tr> </table>	<b>02</b> 2.5"	<b>18</b> 18"	<b>04</b> 4"	<b>24</b> 24"	<b>06</b> 6"	<b>30</b> 30"	<b>09</b> 9"	<b>36</b> 36"	<b>12</b> 12"	<b>42</b> 42"	<b>15</b> 15"	<b>48</b> 48"	<b>BE</b> 3.5"	<b>06</b> 6"	<b>09</b> 9"	<b>12</b> 12"												
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<b>H</b>	<b>Connection</b> <i>Available for probe types P22 and P32</i> <b>2</b> 1/2" NPT Union  <i>Available for probe type P55 only</i> <b>5</b> 1-1/4" x 18 UNEF-2A Swivel Nut																												
<b>I</b>	<b>Cable Length</b> <b>-C1005</b> 5 feet <b>-C1010</b> 10 feet <b>-C1015</b> 15 feet <b>-C1020</b> 20 feet <b>-C1025</b> 25 feet <b>-C1030</b> 30 feet <b>-C1040</b> 40 feet <b>-C1050</b> 50 feet <b>-C1075</b> 75 feet <b>-C1100</b> 100 feet																												

\*For Non-standard probe length, use the next higher probe length price category. **Example:** For 10" probe, use 12" price

# DIGI-TEL SANITARY REMOTE THERMOMETERS, 4½" CASE

The Tel-Tru SD4R Sanitary Remote display is protected from volatile materials, high vibration, or other environmental conditions when mounted remotely from the sensor.

**Ordering Example:** Model SD4R, 4.5" remote mount, field replaceable battery, -75/750°F range, ±0.5°F accuracy, polycarbonate lens, .250" blunt probe diameter, 2.5" probe length, 1½" Tri-Clamp connection, 5 foot cable, Certificate of Calibration traceable to NIST

A B C D E F G H I  
SD4R B 09 11 3 P22 02 3-10 -C1005

➤ **SD4R**



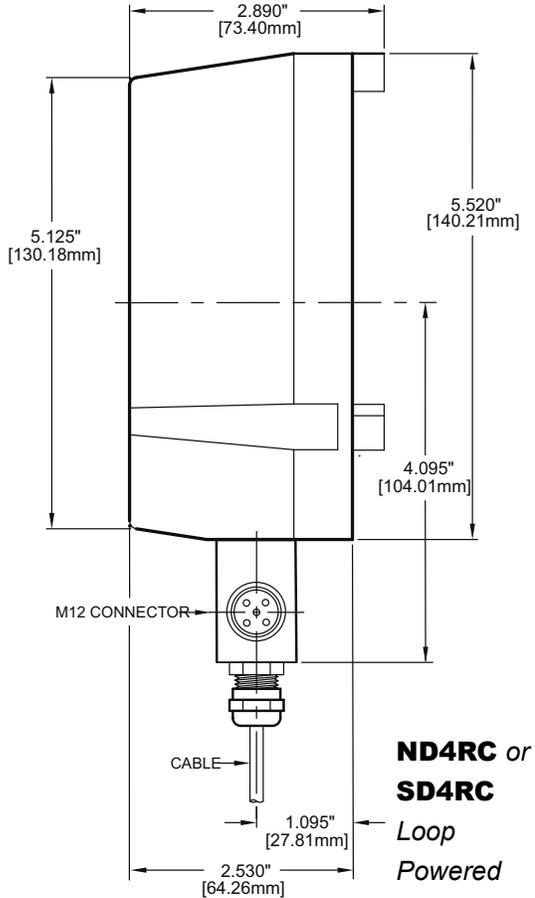
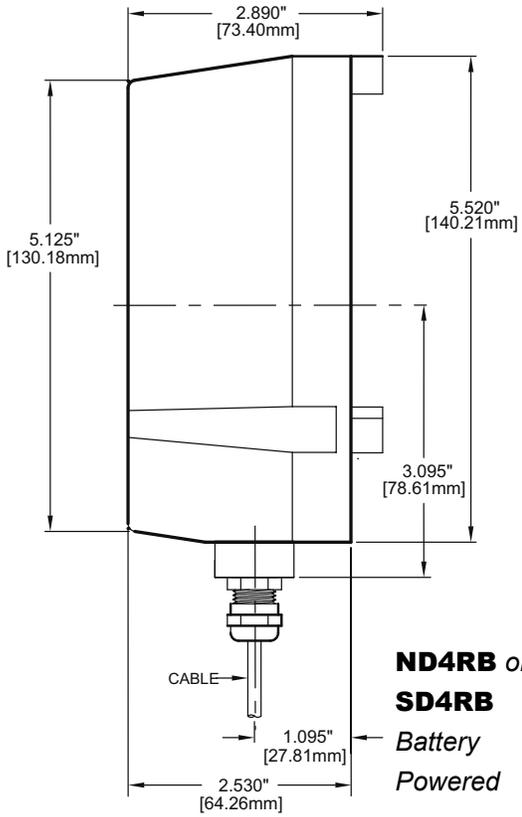
P22 Probe

Code	Description
<b>A</b>	<b>Case Size and Mounting - Industrial</b> SD4R 4.5" Remote Mount
<b>B</b>	<b>Power Option</b> B Field replaceable battery C Loop powered with 4-20mA transmitter output w/back lit display
<b>C</b>	<b>Range</b> <i>Display ranges for power option B</i> 09 -75/750°F 58 -60/400°C  <i>Transmitter output ranges for power option C ONLY</i> 51 -100/100°F <b>EA</b> -70/70°C 52 -50/120°F <b>71</b> -50/100°C 53 -40/160°F <b>72</b> -50/25°C 54 0/140°F <b>73</b> -50/50°C 55 0/180°F <b>84</b> -40/70°C 50 0/200°F <b>86</b> -20/120°C 56 0/220°F <b>74</b> -10/110°C 67 0/250°F <b>75</b> 0/50°C 57 0/300°F <b>95</b> 0/60°C 59 20/240°F <b>EI</b> 0/80°C 60 25/125°F <b>76</b> 0/100°C 61 50/250°F <b>77</b> 0/150°C 62 50/300°F <b>78</b> 0/200°C 63 50/400°F
<b>D</b>	<b>Display Accuracy</b> 21 ±2°F (±1.1°C) Battery powered only 11 ±0.5°F (±0.3°C) Battery and loop powered
<b>E</b>	<b>Lens</b> 5 Glass, Shatterproof (Std) 3 Polycarbonate
<b>F</b>	<b>Probe Type and Diameter</b> P22 316SS Blunt (Std), .250" Diameter P32 316SS Pointed, .250" Diameter
<b>G</b>	<b>Probe Length*</b> IC 1.625" 02 2.5" CH 4.5" AT 7.5" DC 10.5" EC 13.5" FJ 16.5" JQ 22.5"
<b>H</b>	<b>Connection</b> 3-05 3/4" Tri-Clamp (316LSS) ** 3-10 1 1/2" Tri-Clamp (316LSS) *** 3-20 2" Tri-Clamp (316LSS) 3-25 2 1/2" Tri-Clamp (316LSS) 3-30 3" Tri-Clamp (316LSS) 3-40 4" Tri-Clamp (316LSS)
<b>I</b>	<b>Cable Length</b> -C1005 5 feet -C1010 10 feet -C1015 15 feet -C1020 20 feet -C1025 25 feet -C1030 30 feet -C1040 40 feet -C1050 50 feet -C1075 75 feet -C1100 100 feet

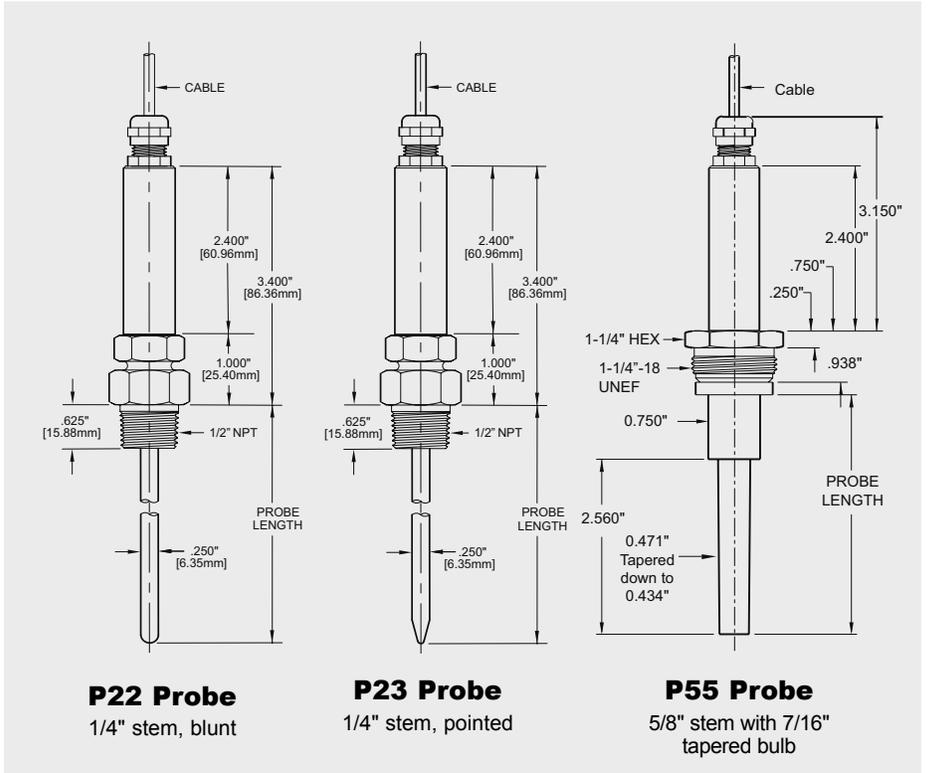
\*For Non-standard probe length, use the next higher probe length price category. Example: For 8" probe, use 10.5" price

\*\*used on both 1/2" and 3/4" lines

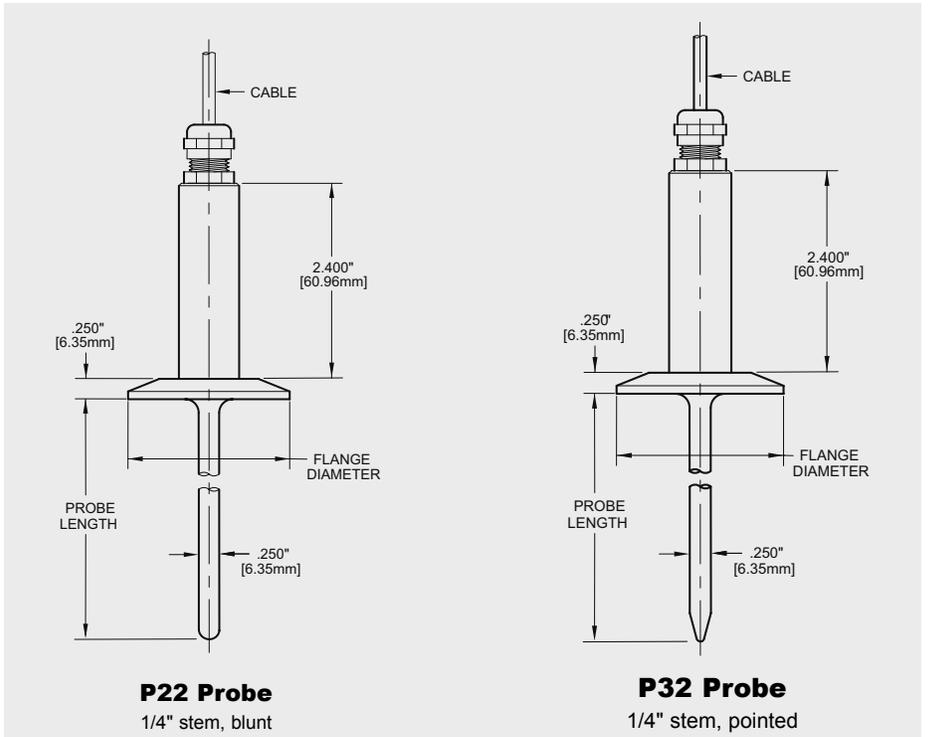
\*\*\*used on both 1" and 1 1/2" lines



➤ **INDUSTRIAL REMOTE MOUNT PROBES:**



➤ **SANITARY REMOTE MOUNT PROBES:**





### ► THERMOWELLS

We recommend thermowells for pressure, corrosive fluid, and high velocity applications.

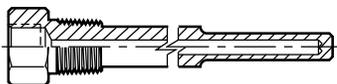
Tel-Tru thermowells are machined from solid bar stock for standard or high velocity requirements in a large selection of materials and coatings. They are designed and manufactured to assure perfect alignment with the sensor stem.

For complete dimensions, sizes, available materials, optional features and configurations, see the Thermowell catalog at: [www.teltru.com/catalogs.asp](http://www.teltru.com/catalogs.asp)

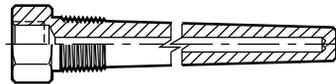
Technical data on pressure and temperature ratings and maximum fluid velocity can also be found at: [www.teltru.com/t-ThermowellTech.aspx](http://www.teltru.com/t-ThermowellTech.aspx)



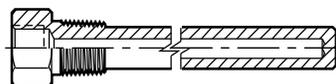
### THREADED



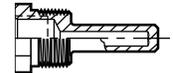
*Stepped*



*Tapered*

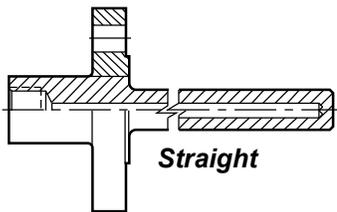


*Straight*

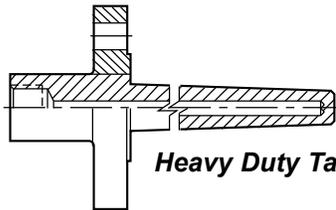


*Limited Space*

### FLANGED

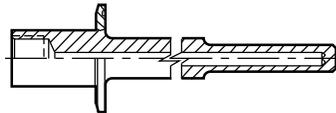


*Straight*

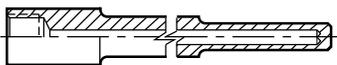


*Heavy Duty Tapered*

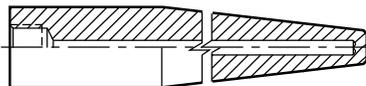
### SANITARY



### WELDED

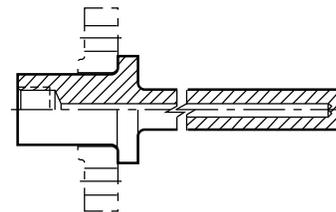


*Socket Weld*



*Weld-In*

### VAN STONE





# ADDITIONAL PRODUCTS AVAILABLE FROM TEL-TRU

Bimetal Thermometers

Sanitary Bimetal Thermometers

Industrial and Sanitary RTDs

Temperature Transmitters

Gas Actuated Thermometers

Thermowells

Infrared Thermometers

Surface Thermometers

Pressure Transmitters

Pressure Gauges

HVAC Instruments

Check-Set® Thermometer  
Calibrators

## Tel-Tru Product Warranty

Please see our limited product warranty  
at [www.teltru.com/t-warranty.aspx](http://www.teltru.com/t-warranty.aspx)



### Tel-Tru Manufacturing Company

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Phone: 585.232.1440 • 800.232.5335 • Fax: 585.232.3857  
E-mail: [info@teltru.com](mailto:info@teltru.com) • Web: [www.teltru.com](http://www.teltru.com)



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