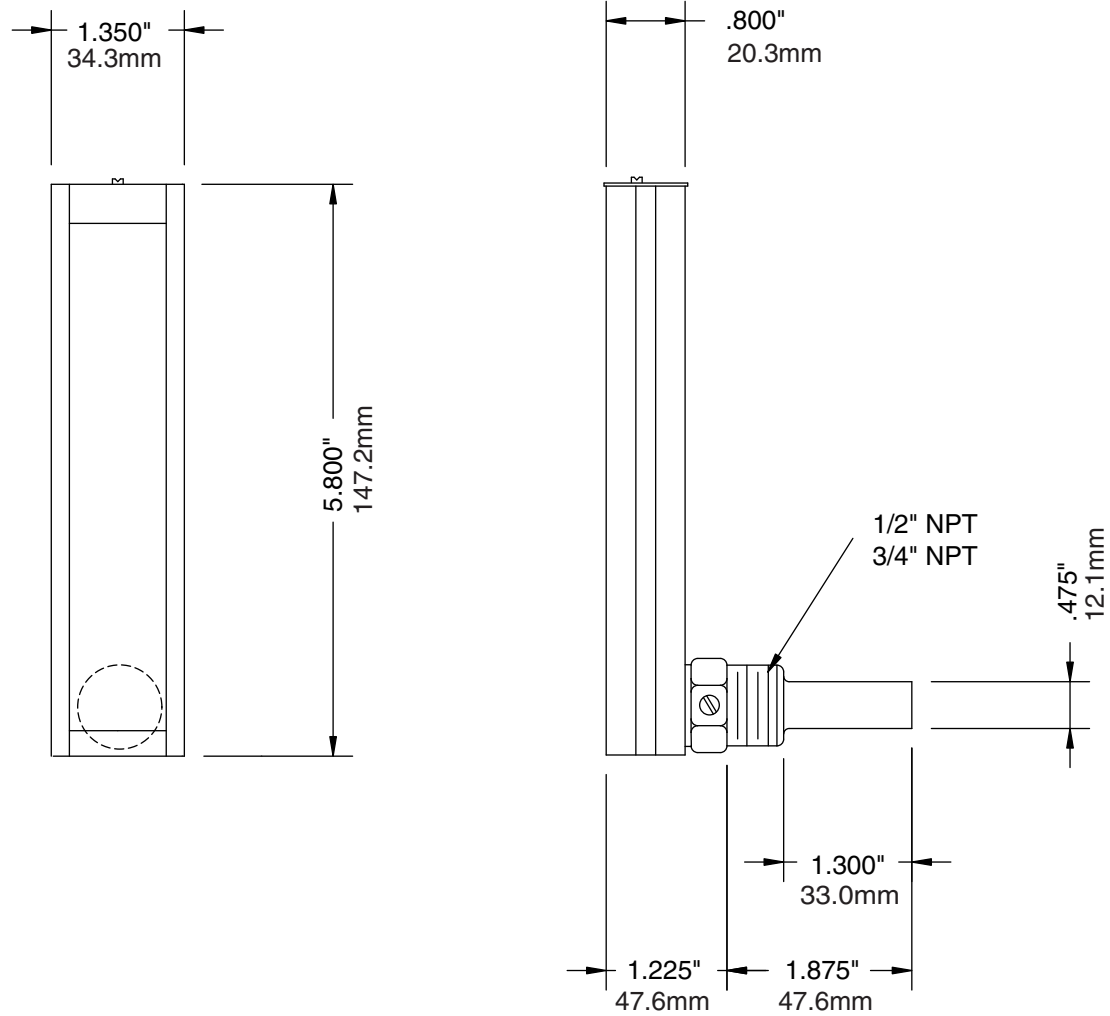


Ambient Temperature: -40°C / 200°C (-40°F / 400°F).  
 Process Temperature: -40°C / 200°C (-40°F / 400°F).  
 Case: Black polypropylene.  
 Lens: Glass  
 Dial: Aluminum.  
 Tube: Glass, tinted red kerosene fill.  
 Thermowell: Brass.  
 Accuracy: ±2% of full scale.  
 Enclosure: IP54.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"
Decimal:	0.06"

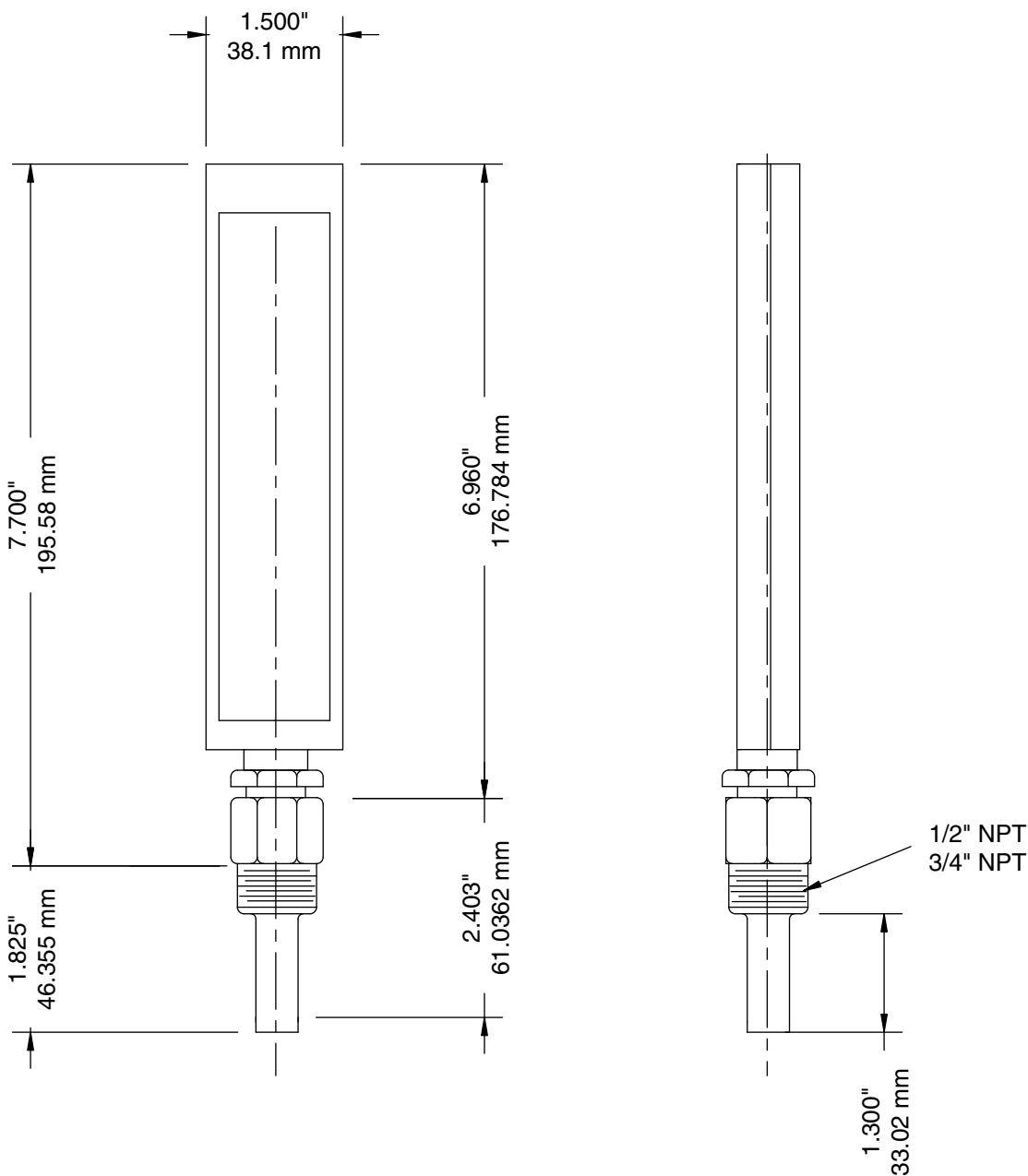
REVISION No. & DATE: APR. 21, 2002

TITLE:

INDUSTRIAL 5AS, ANGLE CONNECTION

DRAWING NO: T-5AS-ANGLE

Ambient Temperature: -40°C / 50°C (-40°F / 122°F).  
 Process Temperature: -40°C / 200°C (-40°F / 400°F).  
 Case: Black polypropylene.  
 Lens: Glass  
 Dial: Aluminum.  
 Tube: Glass, tinted red kerosene fill.  
 Thermowell: Brass.  
 Accuracy: ±2% of full scale.  
 Enclosure: IP54.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"	.4 mm
Decimal:	0.06"	1.5 mm

REVISION No. & DATE: APR. 29, 2002

TITLE:

INDUSTRIAL 5AS, BOTTOM CONNECTION

DRAWING NO: T-5AS-BTM

Process Temperature: -40°C / 150°C (-40°F / 300°F).

Case: Aluminum or Valox.

Lens: Glass.

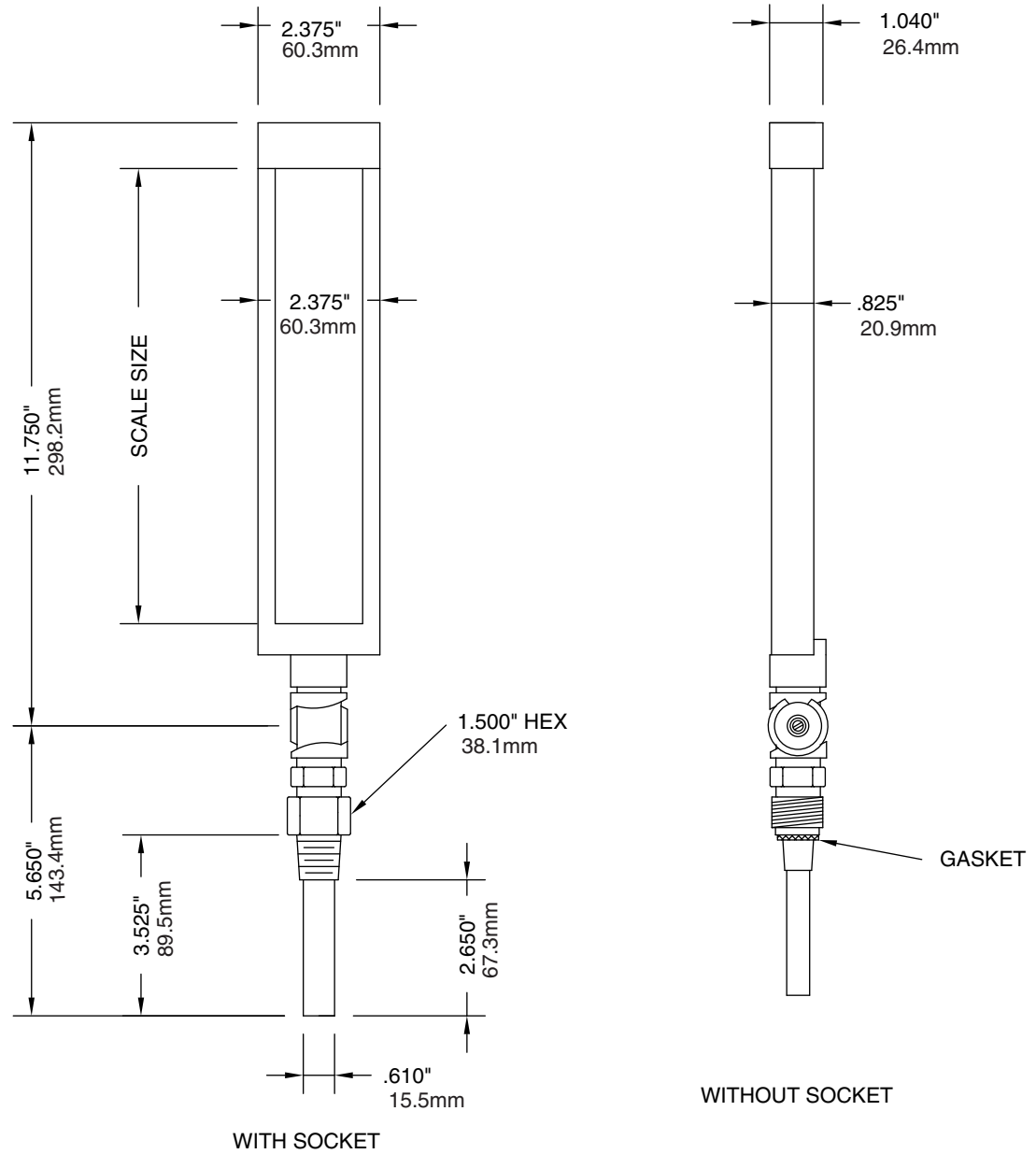
Scale Plate: Aluminum

Tube: Glass, organic fill.

Socket: Brass.

Accuracy: ±1% of full scale.

Enclosure: IP54.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional: 1/64"  
Decimal: 0.06"

REVISION No. & DATE: APR. 21, 2002

TITLE:

INDUSTRIAL 9IT THERMOMETER WITH 3.5" STEM

DRAWING NO: T-9IT-3.5

Process Temperature: -40°C / 150°C (-40°F / 300°F).

Case: Aluminum or Valox.

Lens: Glass.

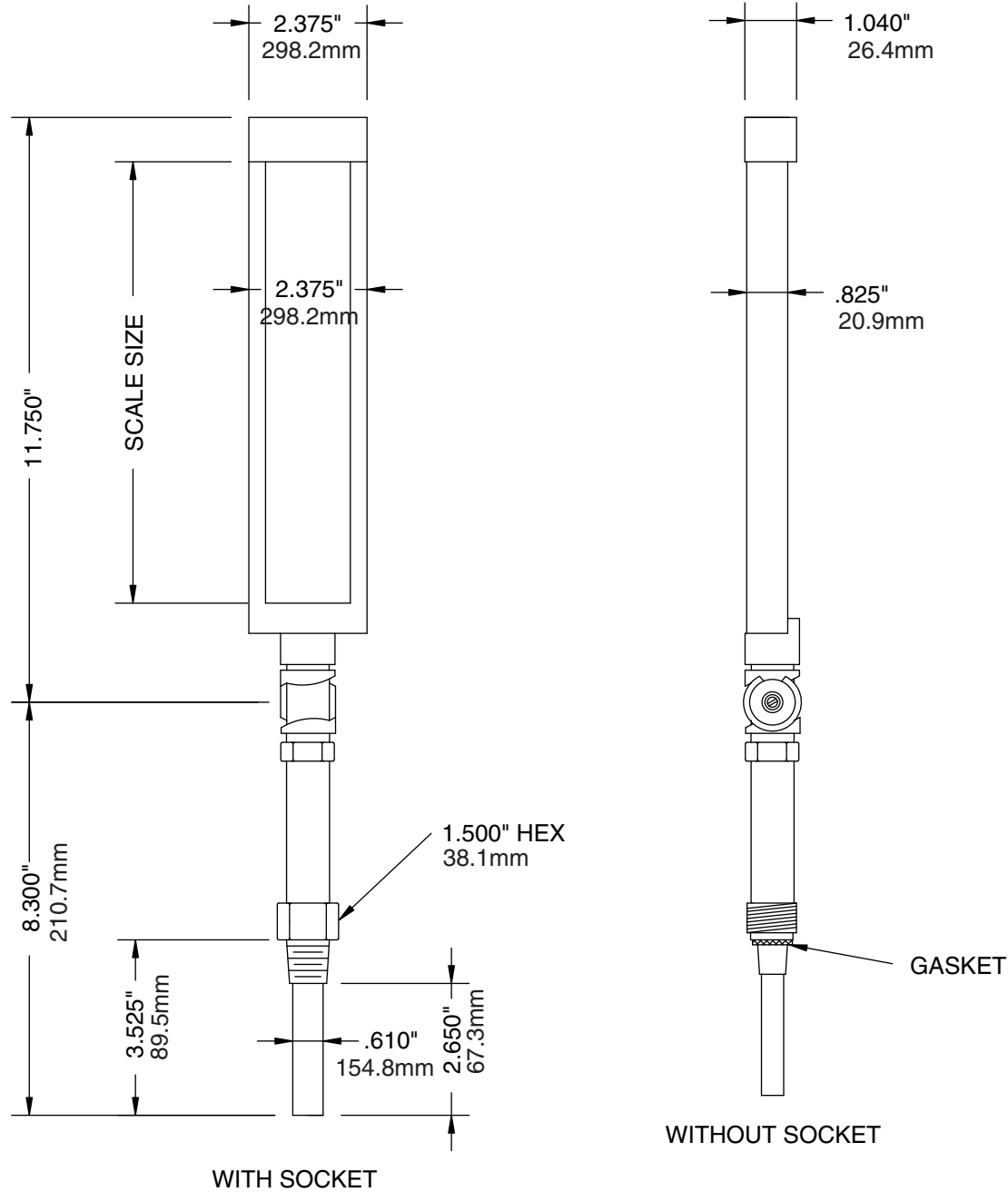
Scale Plate: Aluminum

Tube: Glass, organic fill.

Socket: Brass.

Accuracy: ±1% of full scale.

Enclosure: IP54.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional: 1/64"

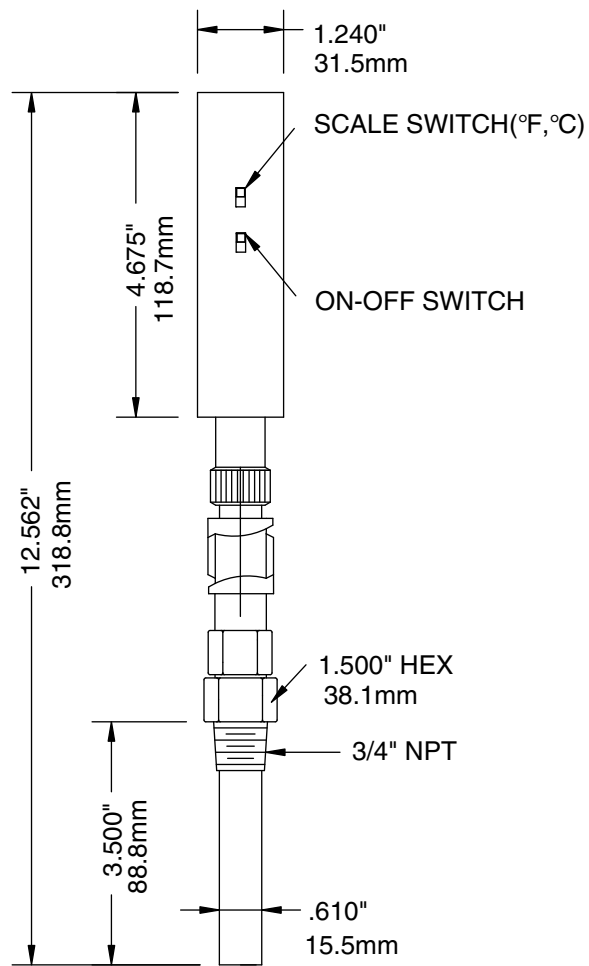
Decimal: 0.06"

REVISION No. & DATE: APR. 21, 2002

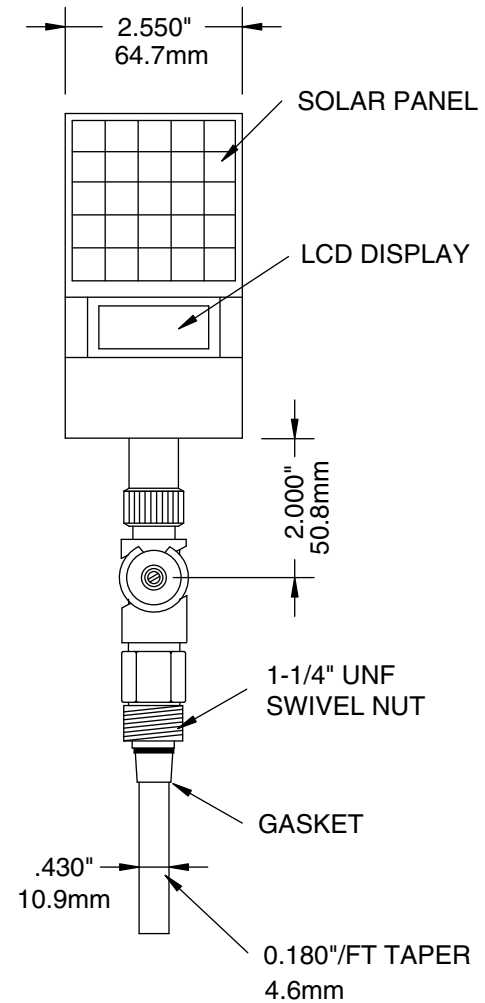
TITLE:

INDUSTRIAL 9IT THERMOMETER WITH 6"  
STEM

DRAWING NO: T-9IT-6



Shown with thermowell



Shown without thermowell



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional: 1/64"

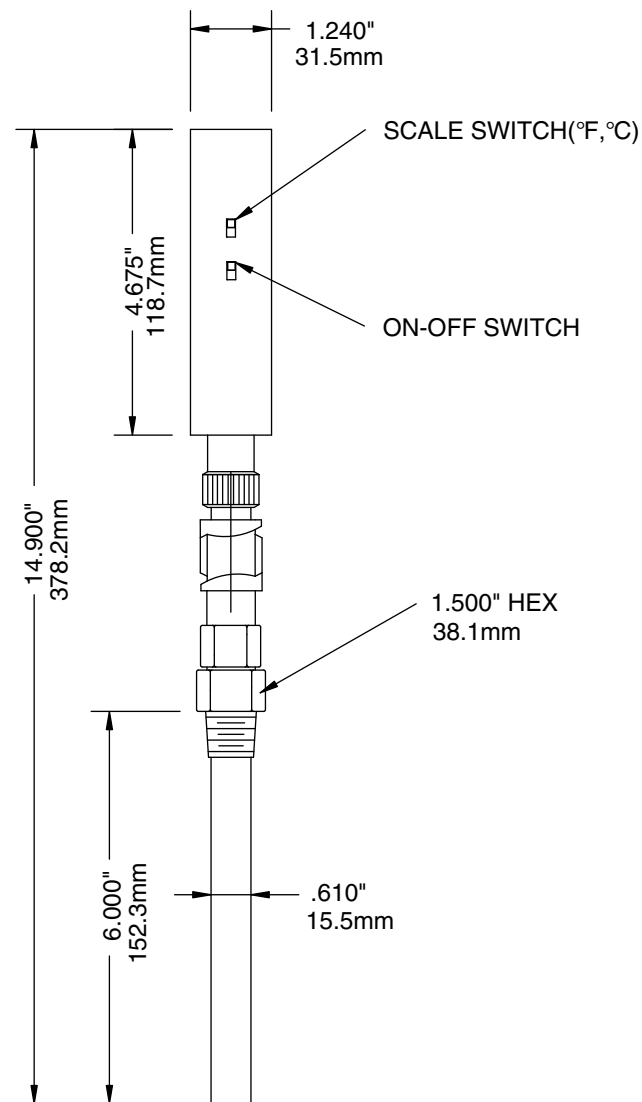
Decimal: 0.06"

REVISION No. & DATE: APR. 21, 2002

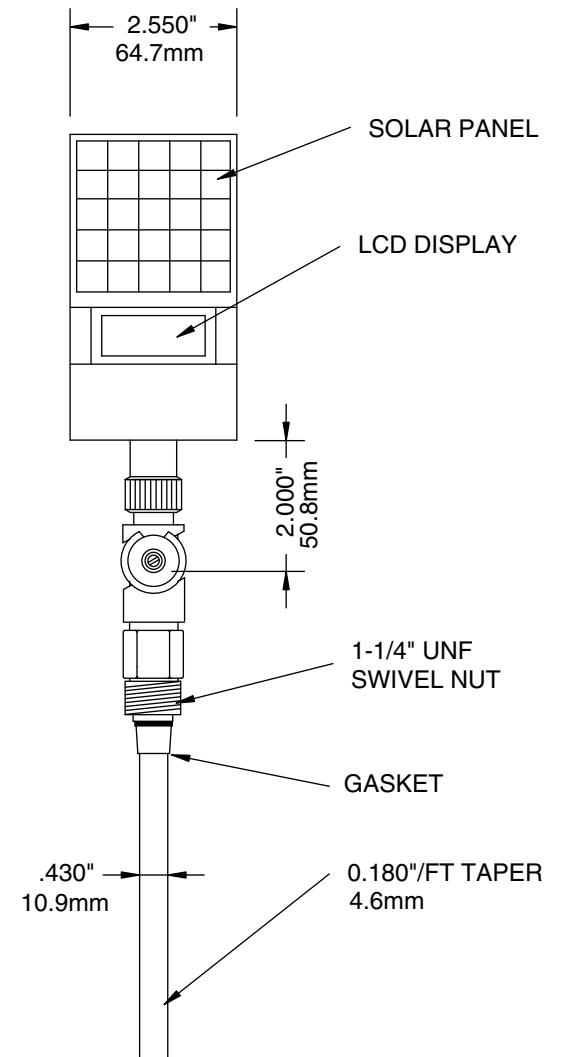
TITLE:

INDUSTRIAL 9IT SOLAR DIGITAL WITH 3.5"  
STEM

DRAWING NO: T-9ITSD-3.5



Shown with thermowell



Shown without thermowell



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"
Decimal:	0.06"

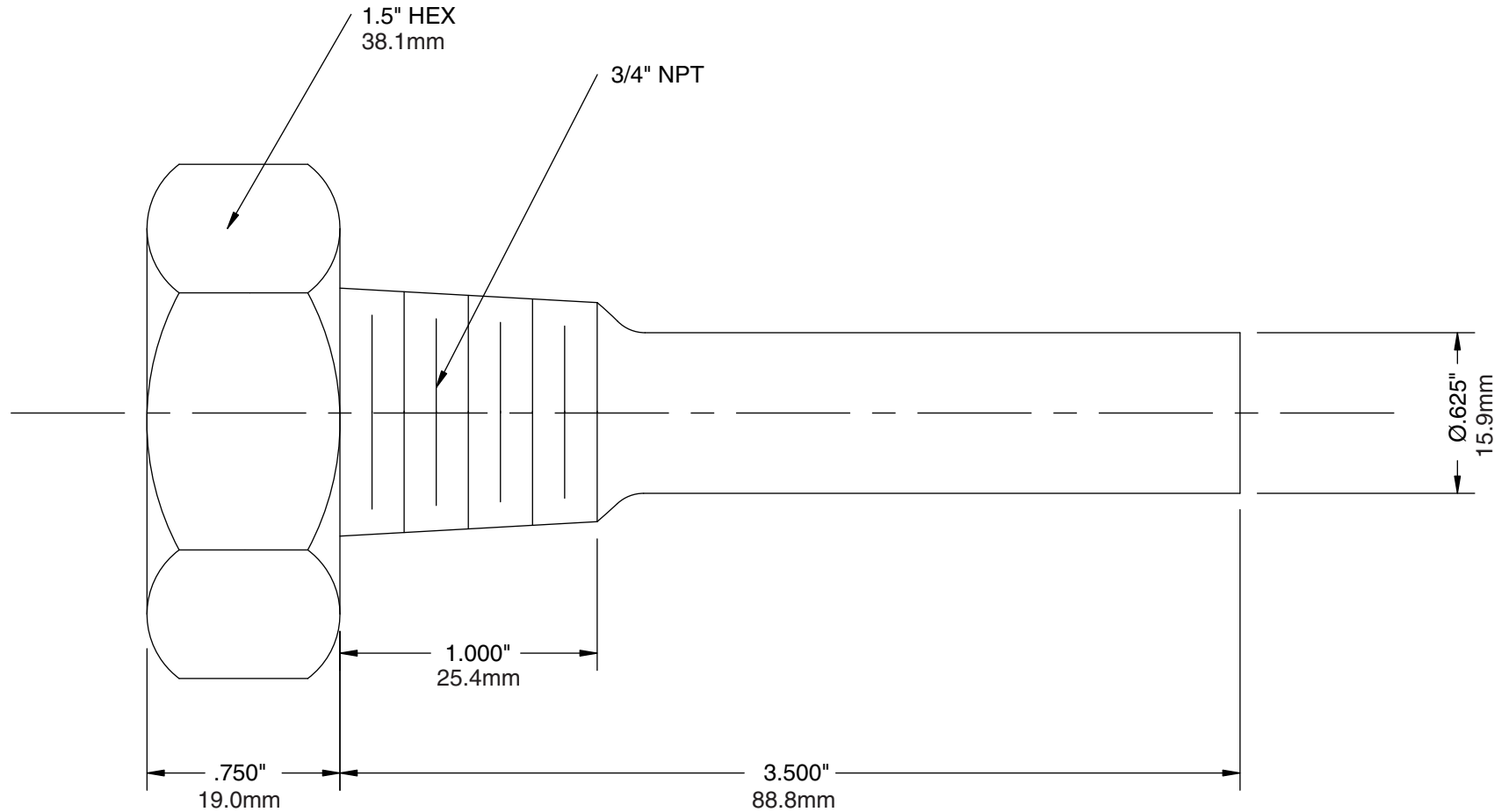
REVISION No. & DATE: APR. 21, 2002

TITLE:

6" INDUSTRIAL 9IT SOLAR DIGITAL

DRAWING NO: T-9ITSD-6

Material: Brass / 304 S/S / 316 S/S.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:

1/64"

Decimal:

0.06"

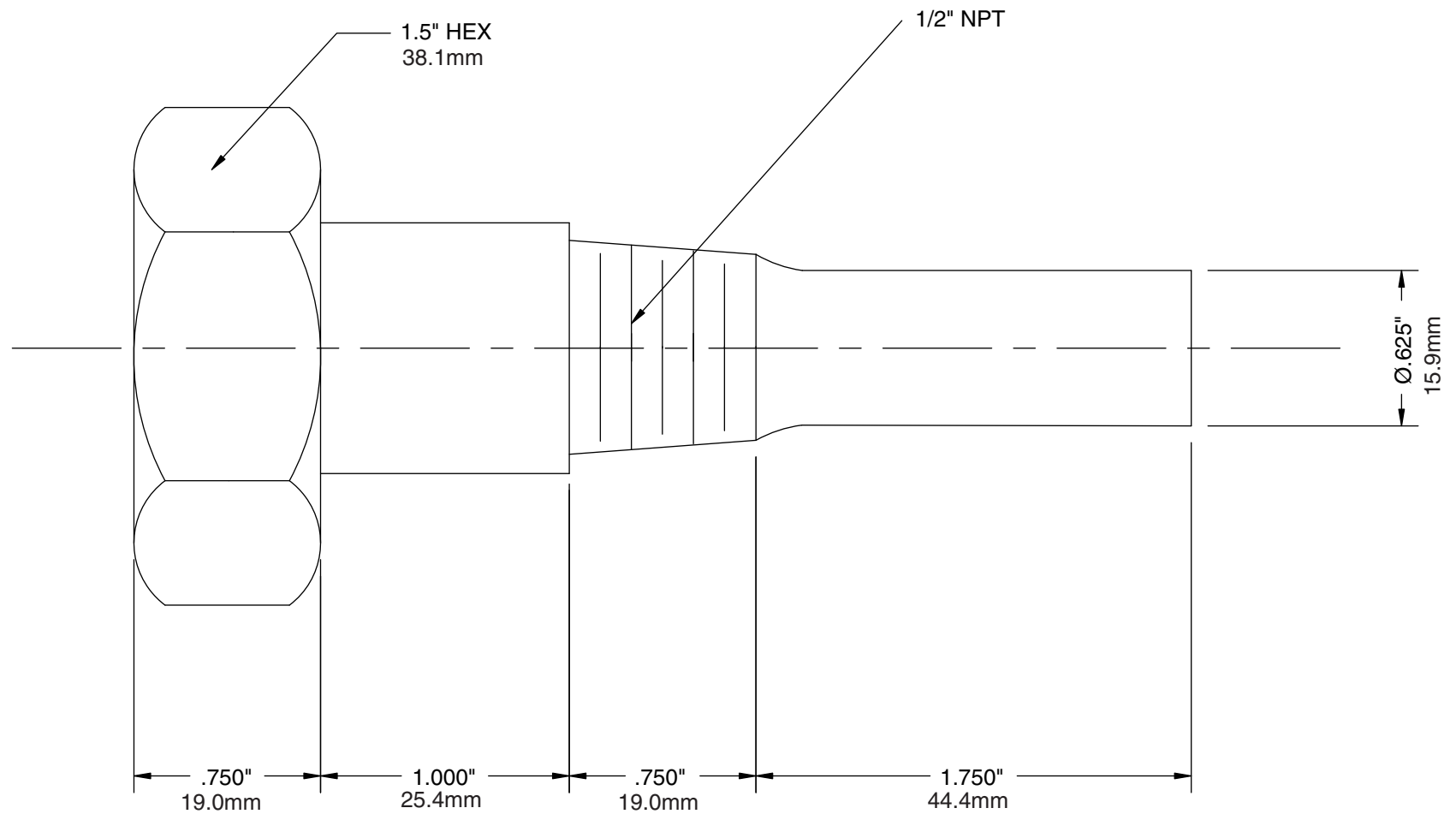
REVISION No. & DATE: APR. 21, 2002

TITLE:

INDUSTRIAL 9IT THERMOWELL, W01

DRAWING NO: T-9IT-WELL-W01

Material: Brass / 304 S/S / 316 S/S.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:

1/64"

Decimal:

0.06"

REVISION No. & DATE: APR. 21, 2002

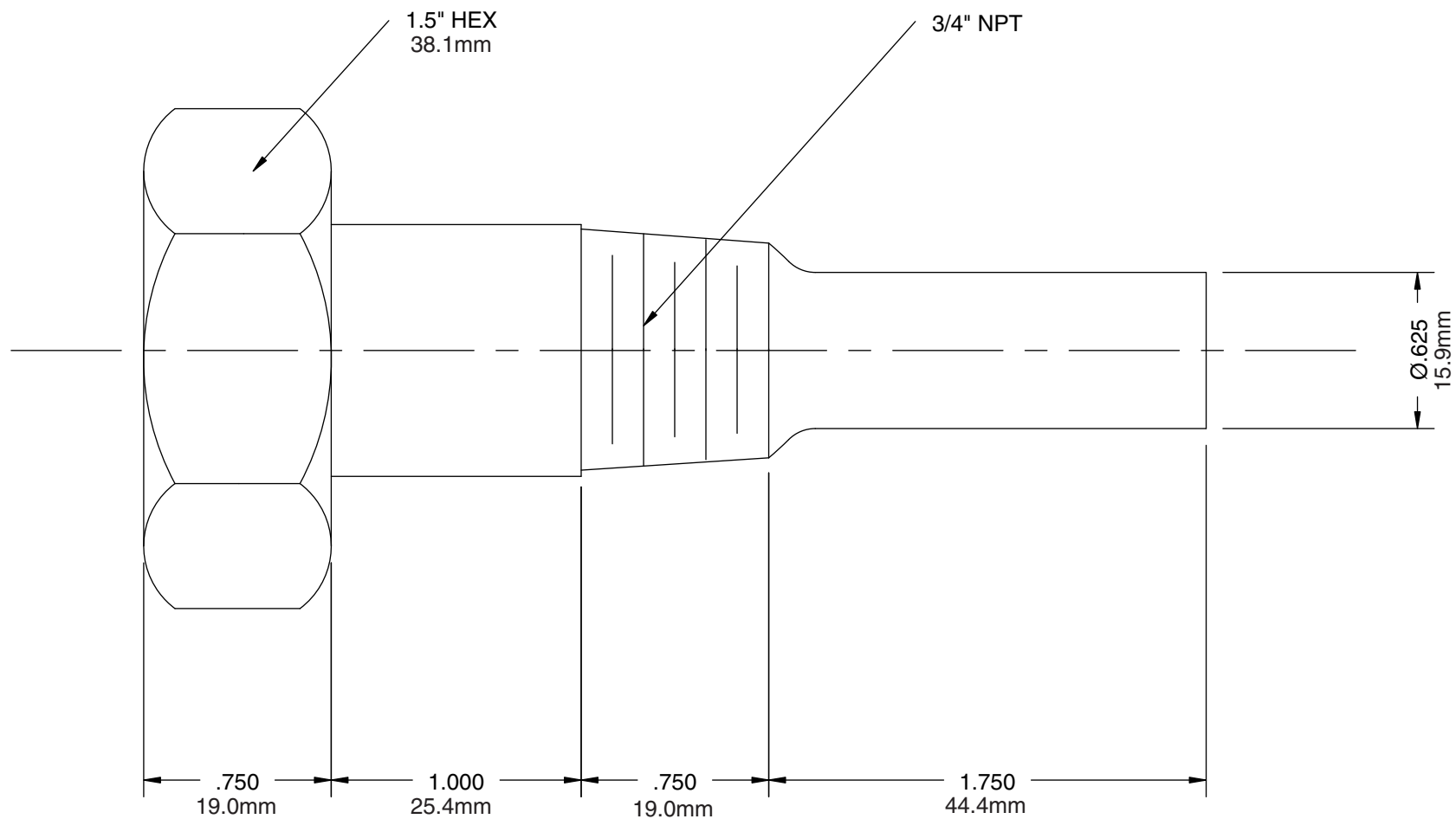
TITLE:

INDUSTRIAL 9IT THERMOWELL, W02

DRAWING NO: T-9IT-WELL-W02



Material: Brass / 304 S/S / 316 S/S.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"
Decimal:	0.06"

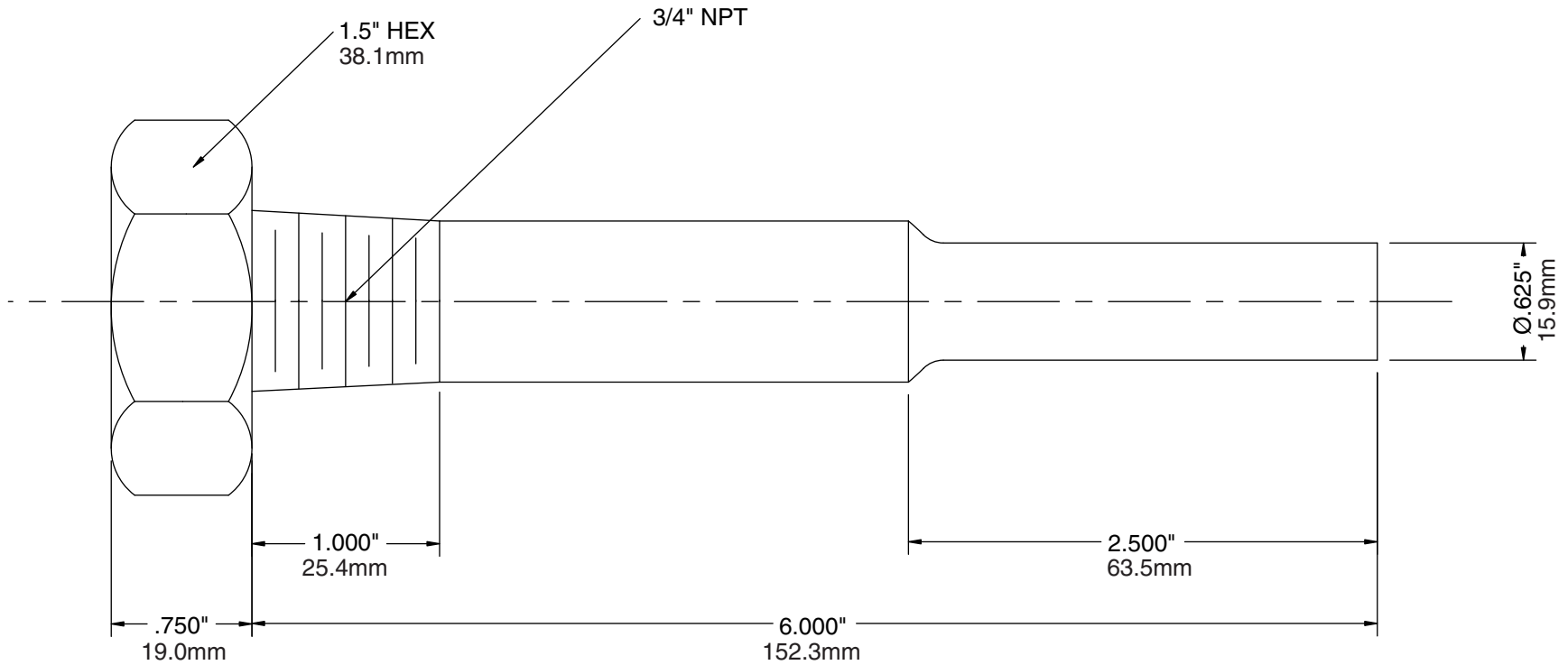
REVISION No. & DATE: APR. 21, 2002

TITLE:

INDUSTRIAL 9IT THERMOWELL, W03

DRAWING NO: T-9IT-WELL-W03

Material: Brass / 304 S/S / 316 S/S.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:

1/64"

Decimal:

0.06"

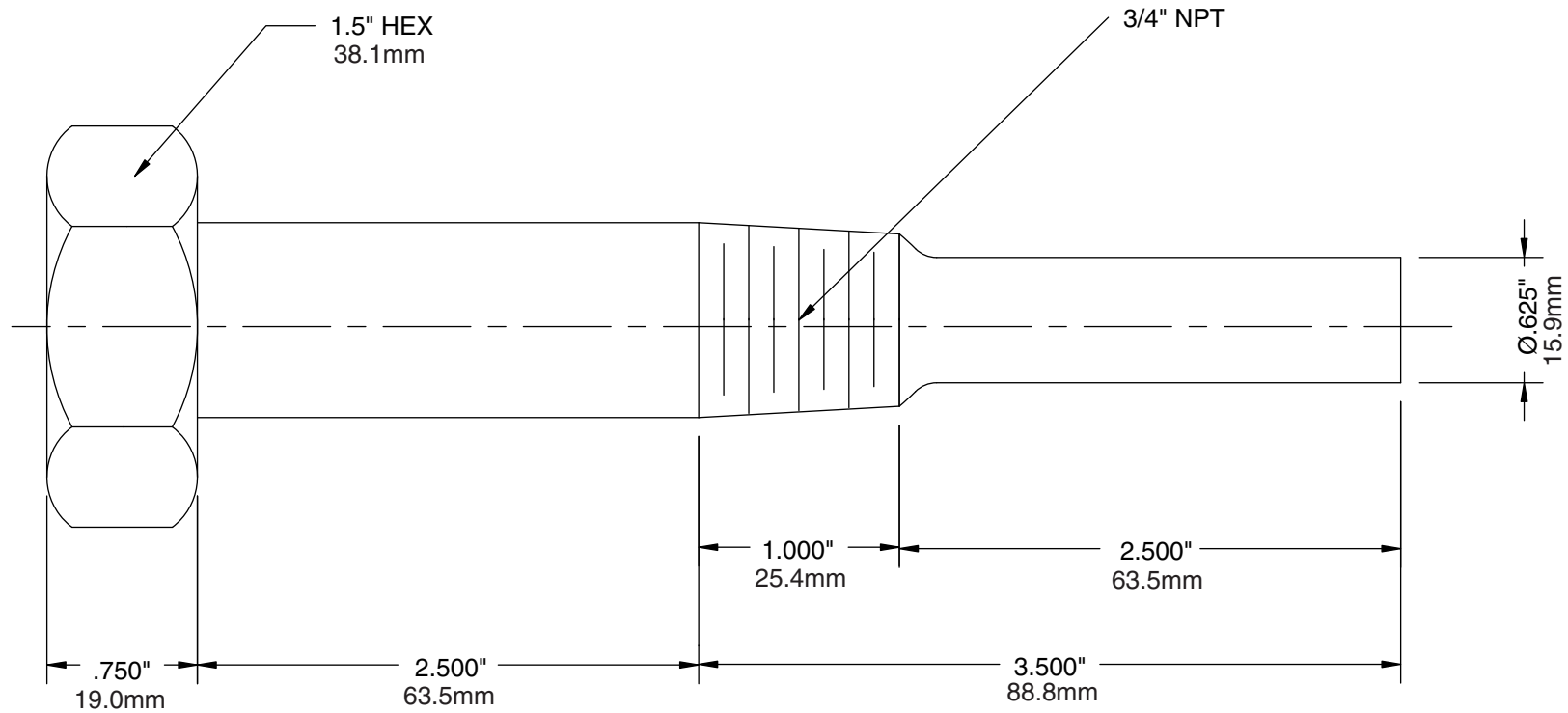
REVISION No. & DATE: APR. 21, 2002

TITLE:

INDUSTRIAL 9IT THERMOWELL, W04

DRAWING NO: T-9IT-WELL-W04

Material: Brass / 304 S/S / 316 S/S.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"
Decimal:	0.06"

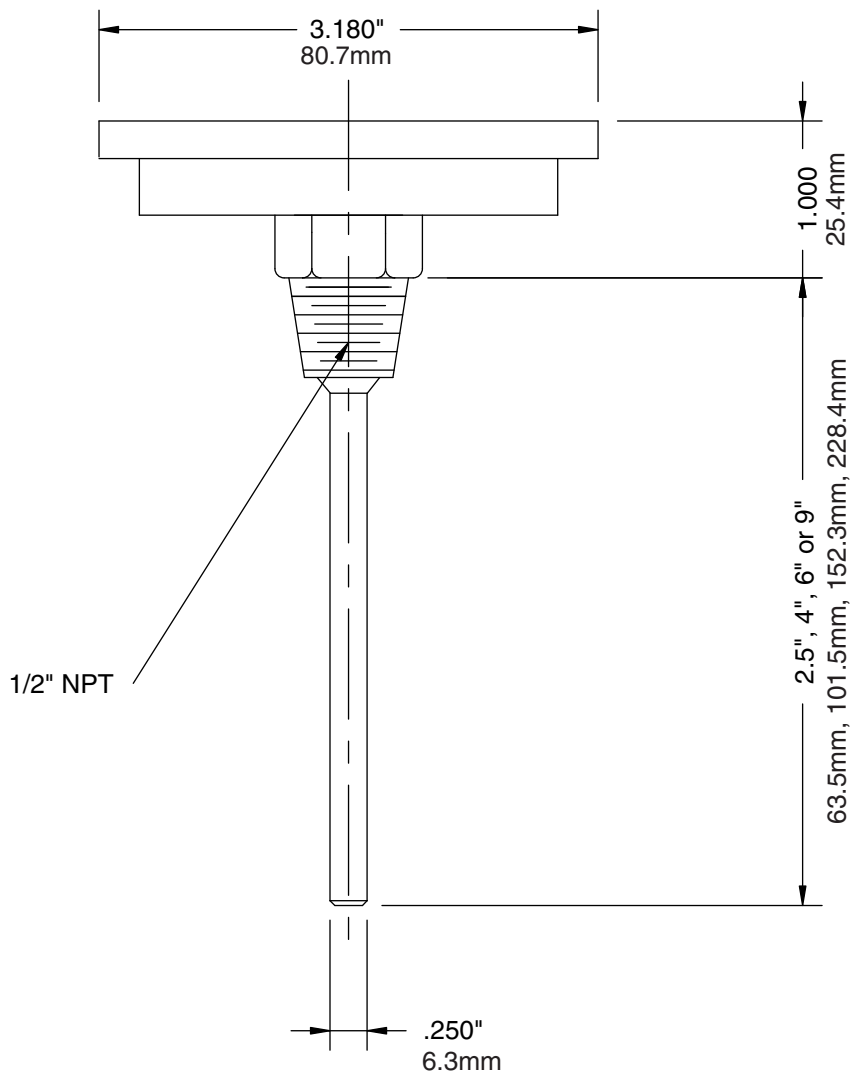
REVISION No. & DATE: APR. 21, 2002

TITLE:

INDUSTRIAL 9IT THERMOWELL, W07

DRAWING NO: T-9IT-WELL-W07

Case: 304 S/S.  
 Bezel: 304 S/S.  
 Lens: Lexan.  
 Dial: Aluminum.  
 Movement: Bimetallic coil.  
 Stem: 304 S/S.  
 Welding: TIG  
 Accuracy:  $\pm 1\%$  of full scale.  
 Enclosure: IP65.



WINTERS INSTRUMENTS

DRAWN BY: E.H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:

1/64"

Decimal:

0.06"

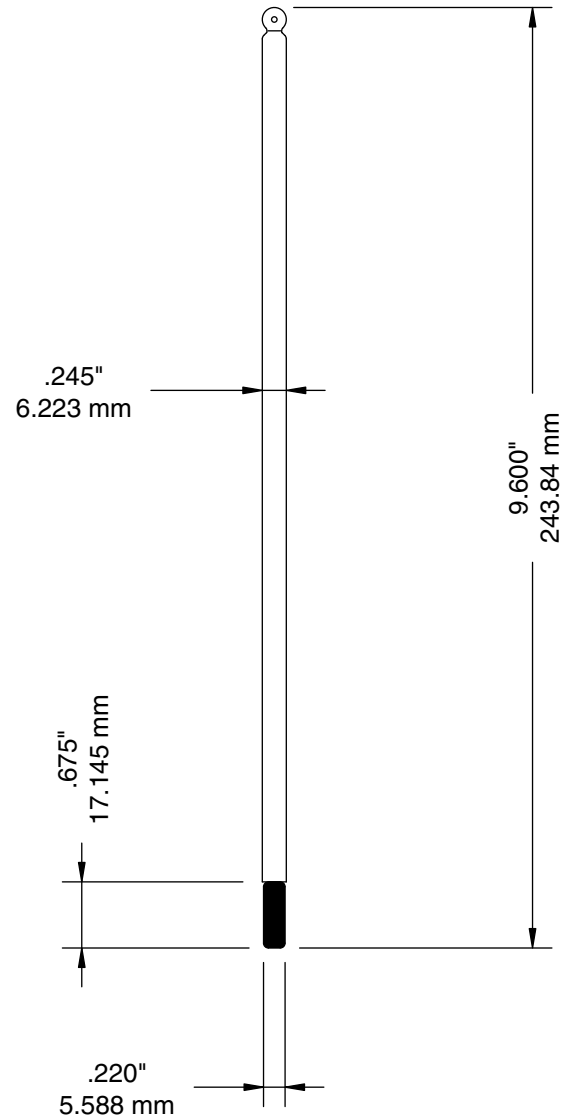
REVISION No. & DATE: APR.18, 2002

TITLE:

3" 330 SERIES BI-METAL THERMOMETER

DRAWING NO: T-330

Lens: Glass.  
 Fill: Mercury.  
 Accuracy:  $\pm 0.3^{\circ}$ Celsius



WINTERS INSTRUMENTS

DRAWN BY: E.H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"	.4 mm
Decimal:	0.06"	1.5 mm

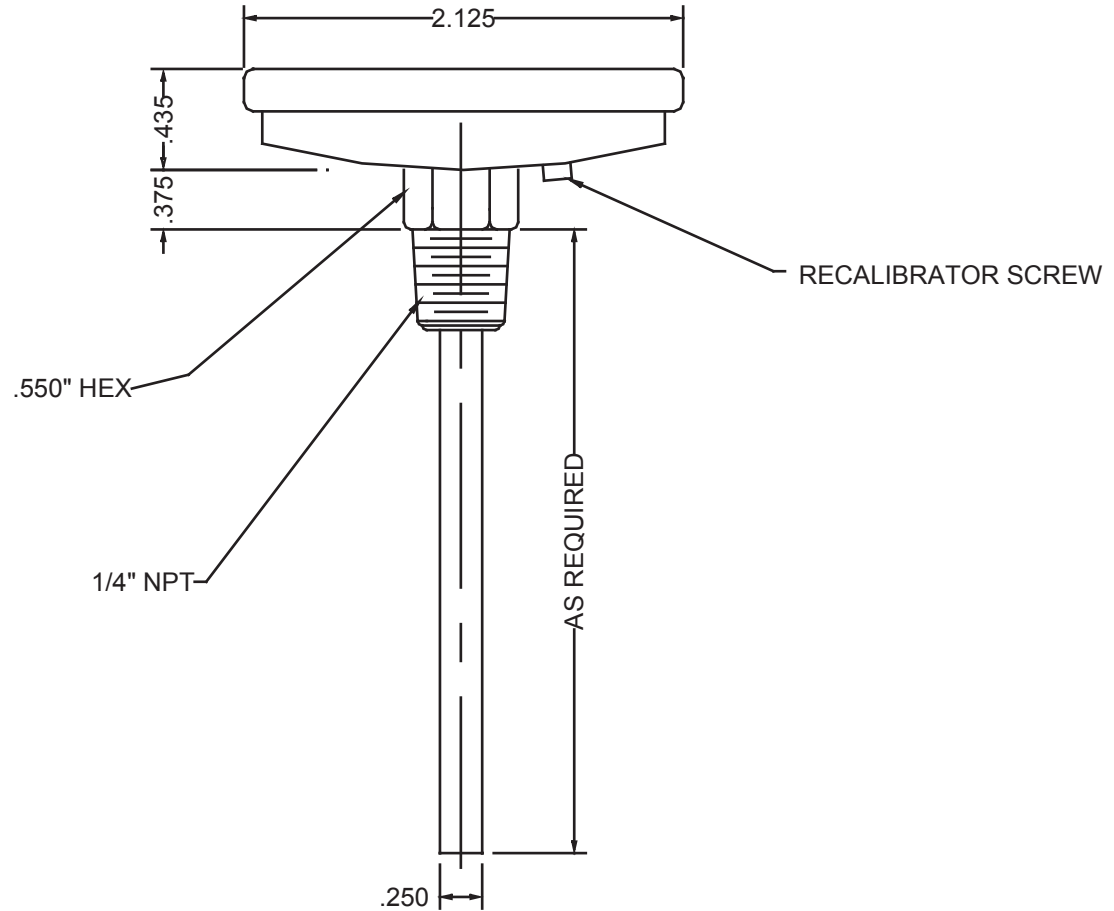
REVISION No. & DATE: APR. 30, 2002

TITLE:

ALCOHOL THERMOMETER

DRAWING NO: T-ALCOHOL

Case: 304 S/S.  
 Bezel: 304 S/S.  
 Lens: Glass.  
 Dial: Aluminum silver dished dial with black markings.  
 Movement: Bimetallic coil.  
 Socket: 304 S/S  
 Welding: TIG  
 Accuracy:  $\pm 1\%$  of full scale  
 Enclosure: IP65.



WINTERS INSTRUMENTS

DRAWN BY: B.B.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"
Decimal:	0.06"

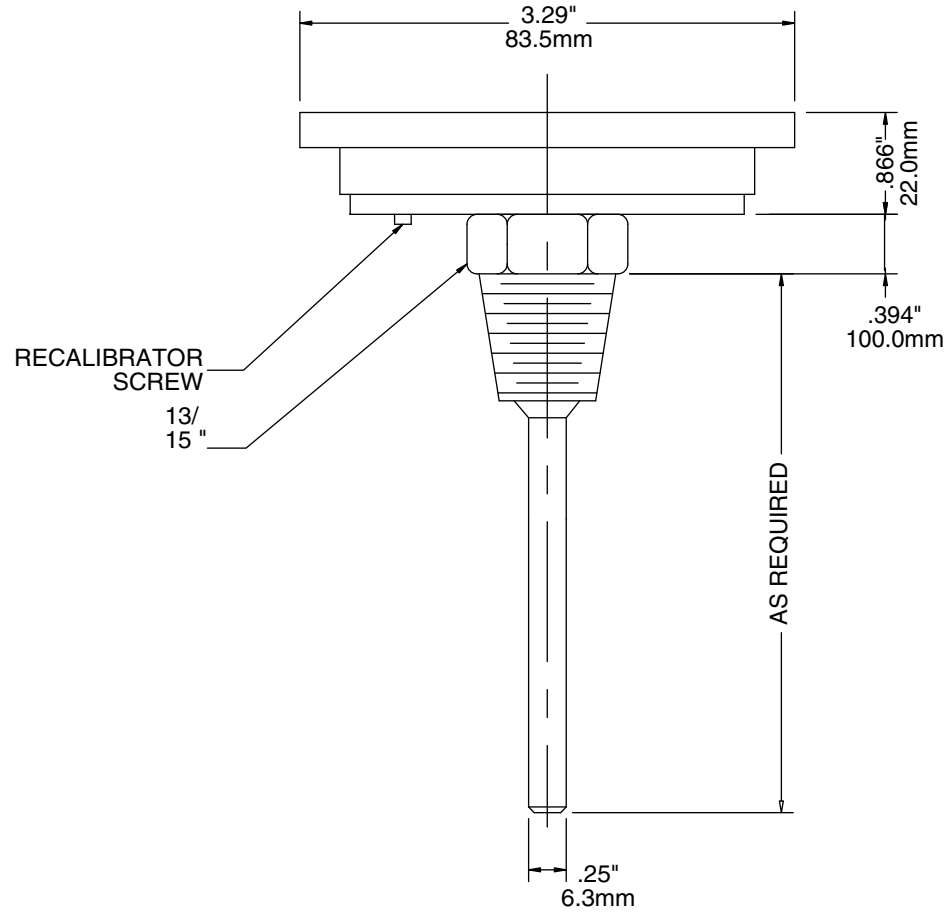
REVISION No. & DATE: JULY 10 2002

TITLE:

**BIMETAL THERMOMETER, 2" DIAL,  
 BACK CONNECTION**

DRAWING NO: T-BI-2-BK

Case: 304 S/S.  
 Bezel: 304 S/S.  
 Lens: Glass.  
 Dial: Aluminum silver dished dial with black markings.  
 Movement: Bimetallic coil.  
 Socket: 304 S/S  
 Welding: TIG  
 Accuracy: ±1% of full scale  
 Enclosure: IP65.



DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"
Decimal:	0.06"

REVISION No. & DATE: APR. 11 2002

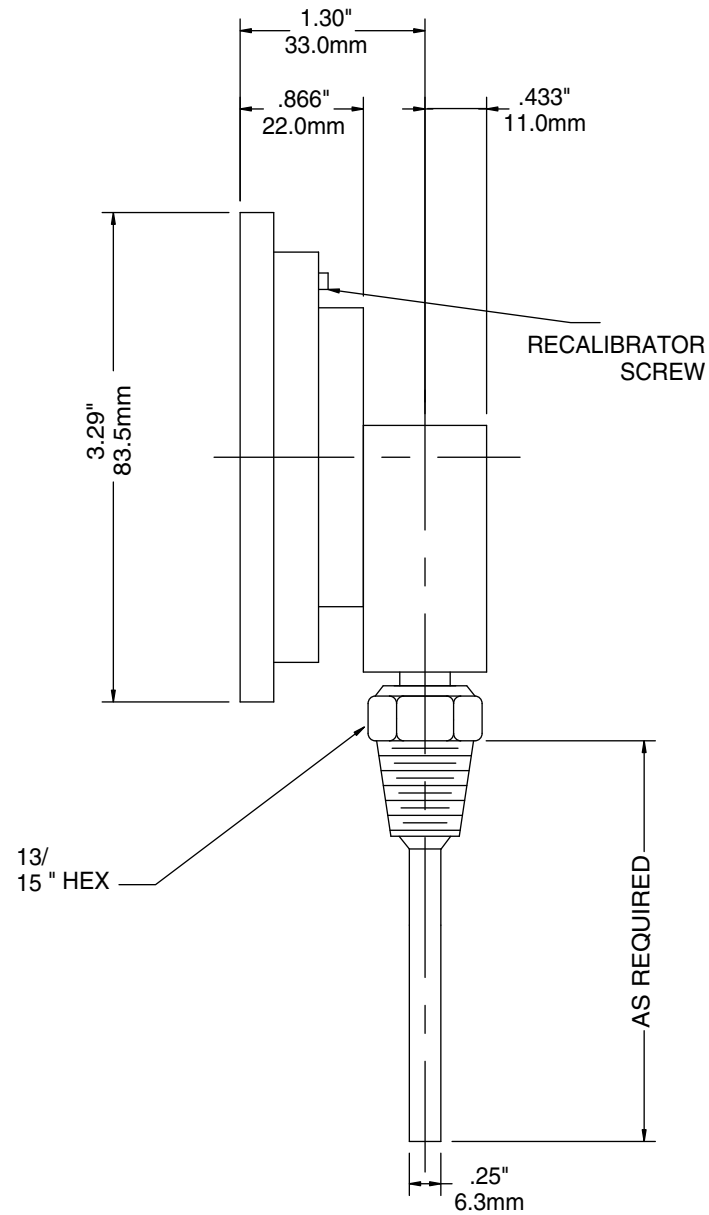
TITLE:

BIMETAL THERMOMETER, 3" DIAL, BACK CONNECTION

DRAWING NO: T-BI-3-BK

WINTERS INSTRUMENTS

Case: 304 S/S.  
 Bezel: 304 S/S.  
 Lens: Glass.  
 Dial: Aluminum silver dished dial with black markings.  
 Movement: Bimetallic coil.  
 Socket: 304 S/S  
 Welding: TIG  
 Accuracy: ±1% of full scale  
 Enclosure: IP65.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"
Decimal:	0.06"

REVISION No. & DATE: APR. 11 2002

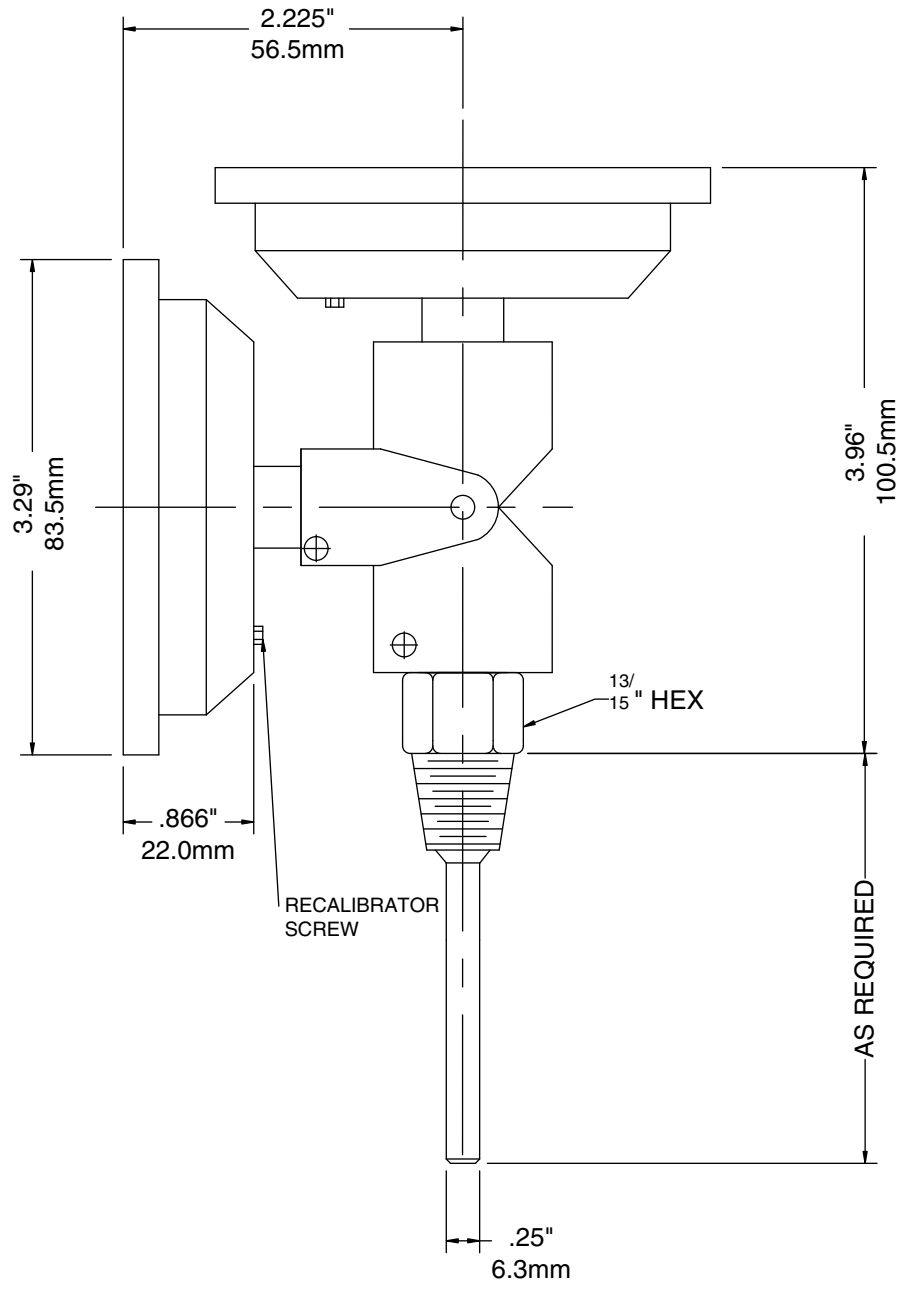
TITLE:

BIMETAL THERMOMETER, 3" DIAL, BOTTOM CONNECTION

DRAWING NO: T-BI-3-BTM



Case: 304 S/S.  
 Bezel: 304 S/S.  
 Lens: Glass.  
 Dial: Aluminum silver dished dial with black markings.  
 Movement: Bimetallic coil.  
 Socket: 304 S/S.  
 Welding: TIG.  
 Accuracy: ±1% of full scale.  
 Enclosure: IP65.

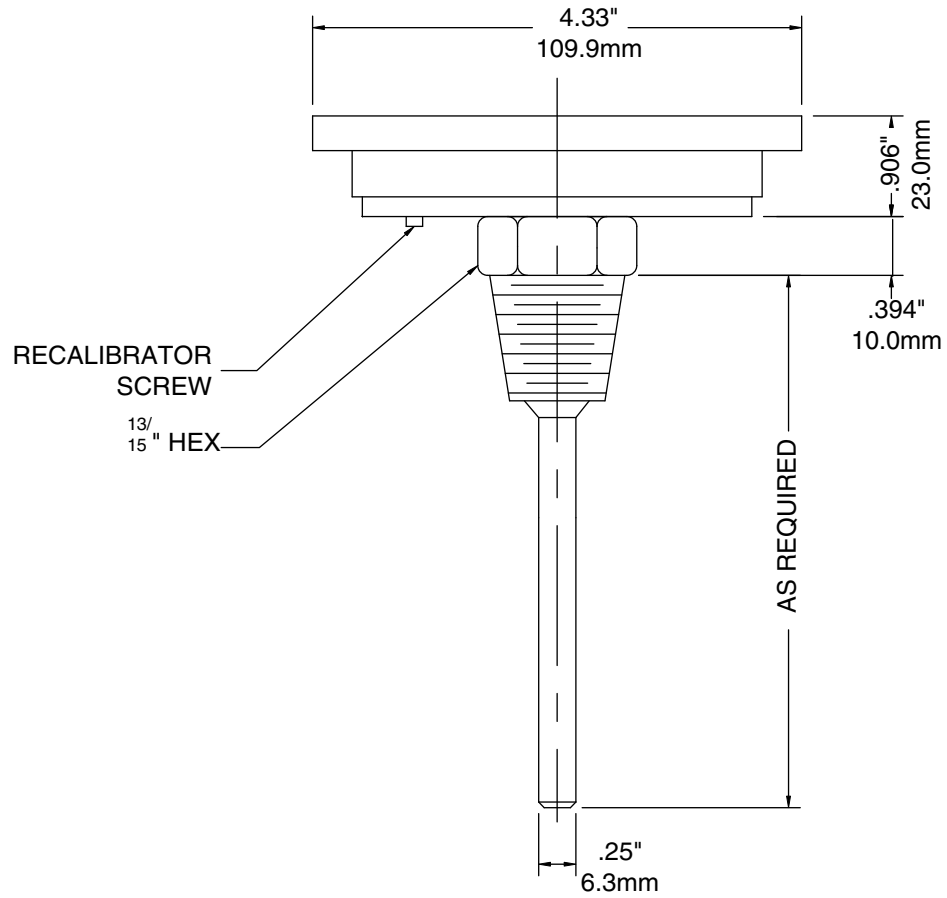


WINTERS INSTRUMENTS

DRAWN BY: E. H.	ALL DIMENSIONS IN INCHES	
CHECKED BY:	TOLERANCES (unless otherwise stated)	
ENG. APPROVAL:	Fractional:	1/64"
	Decimal:	0.06"
APPROVED BY:	REVISION No. & DATE: APR. 11 2002	

TITLE: BIMETAL THERMOMETER, 3" DIAL, ADJUSTABLE ANGLE
DRAWING NO: T-BI-3-VA

Case: 304 S/S.  
 Bezel: 304 S/S.  
 Lens: Glass.  
 Dial: Aluminum silver dished dial with black markings.  
 Movement: Bimetallic coil.  
 Socket: 304 S/S.  
 Welding: TIG.  
 Accuracy:  $\pm 1\%$  of full scale.  
 Enclosure: IP65.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"
Decimal:	0.06"

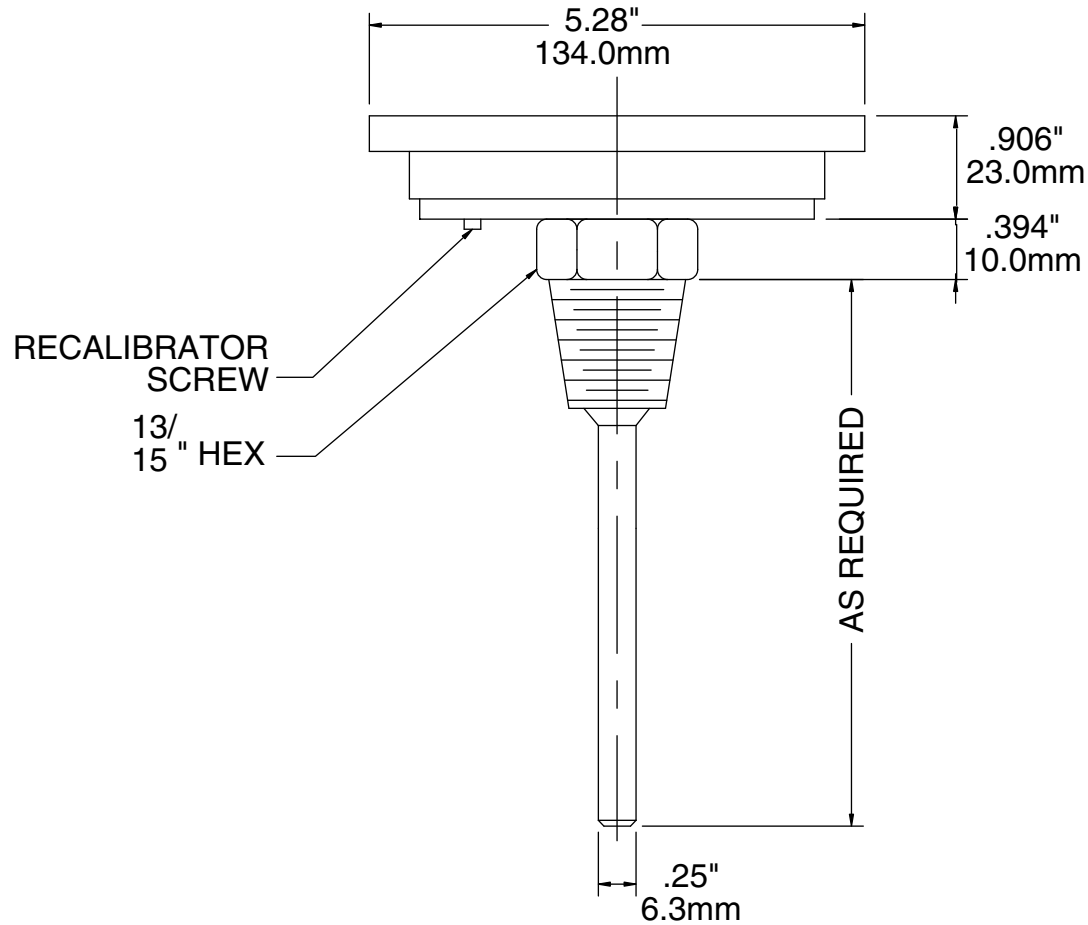
REVISION No. & DATE: APR. 11 2002

TITLE:

BIMETAL THERMOMETER, 4"  
DIAL, BACK CONNECTION

DRAWING NO: T-BI-4-BK

Case: 304 S/S.  
 Bezel: 304 S/S.  
 Lens: Glass.  
 Dial: Aluminum silver dished dial with black markings.  
 Movement: Bimetallic coil.  
 Socket: 304 S/S.  
 Welding: TIG.  
 Accuracy:  $\pm 1\%$  of full scale.  
 Enclosure: IP65.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"
Decimal:	0.06"

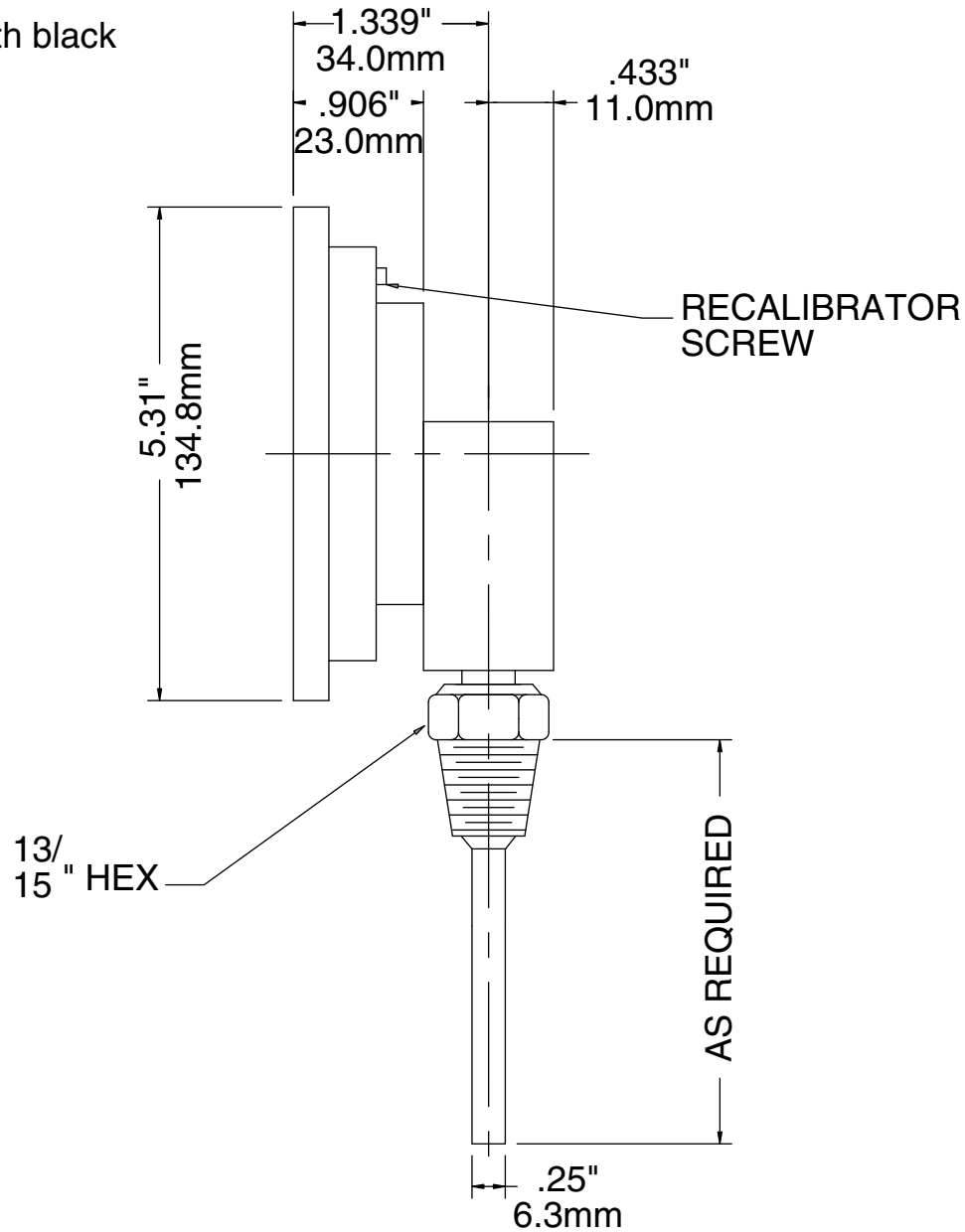
REVISION No. & DATE: APR. 11 2002

TITLE:

BIMETAL THERMOMETER, 5"  
DIAL, BACK CONNECTION

DRAWING NO: T-BI-5-BK

Case: 304 S/S.  
 Bezel: 304 S/S.  
 Lens: Glass.  
 Dial: Aluminum silver dished dial with black markings.  
 Movement: Bimetallic coil.  
 Socket: 304 S/S.  
 Welding: TIG.  
 Accuracy:  $\pm 1\%$  of full scale.  
 Enclosure: IP65.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"
Decimal:	0.06"

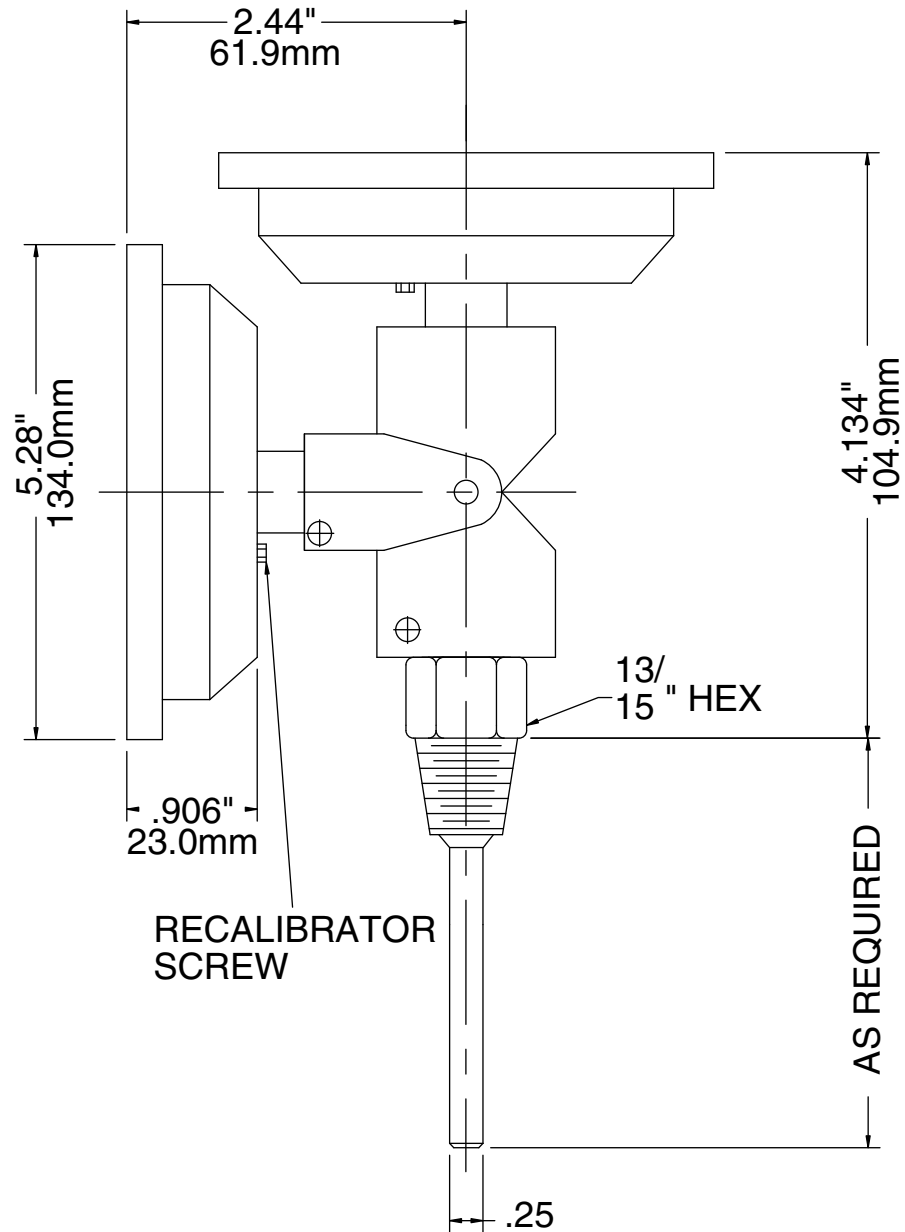
REVISION No. & DATE: APR. 11 2002

TITLE:

BIMETAL THERMOMETER, 5" DIAL,  
 BOTTOM CONNECTION

DRAWING NO: T-BI-5-BTM

Case: 304 S/S.  
 Bezel: 304 S/S.  
 Lens: Glass.  
 Dial: Aluminum silver dished dial with black markings.  
 Movement: Bimetallic coil.  
 Socket: 304 S/S.  
 Welding: TIG.  
 Accuracy:  $\pm 1\%$  of full scale.  
 Enclosure: IP65.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"
Decimal:	0.06"

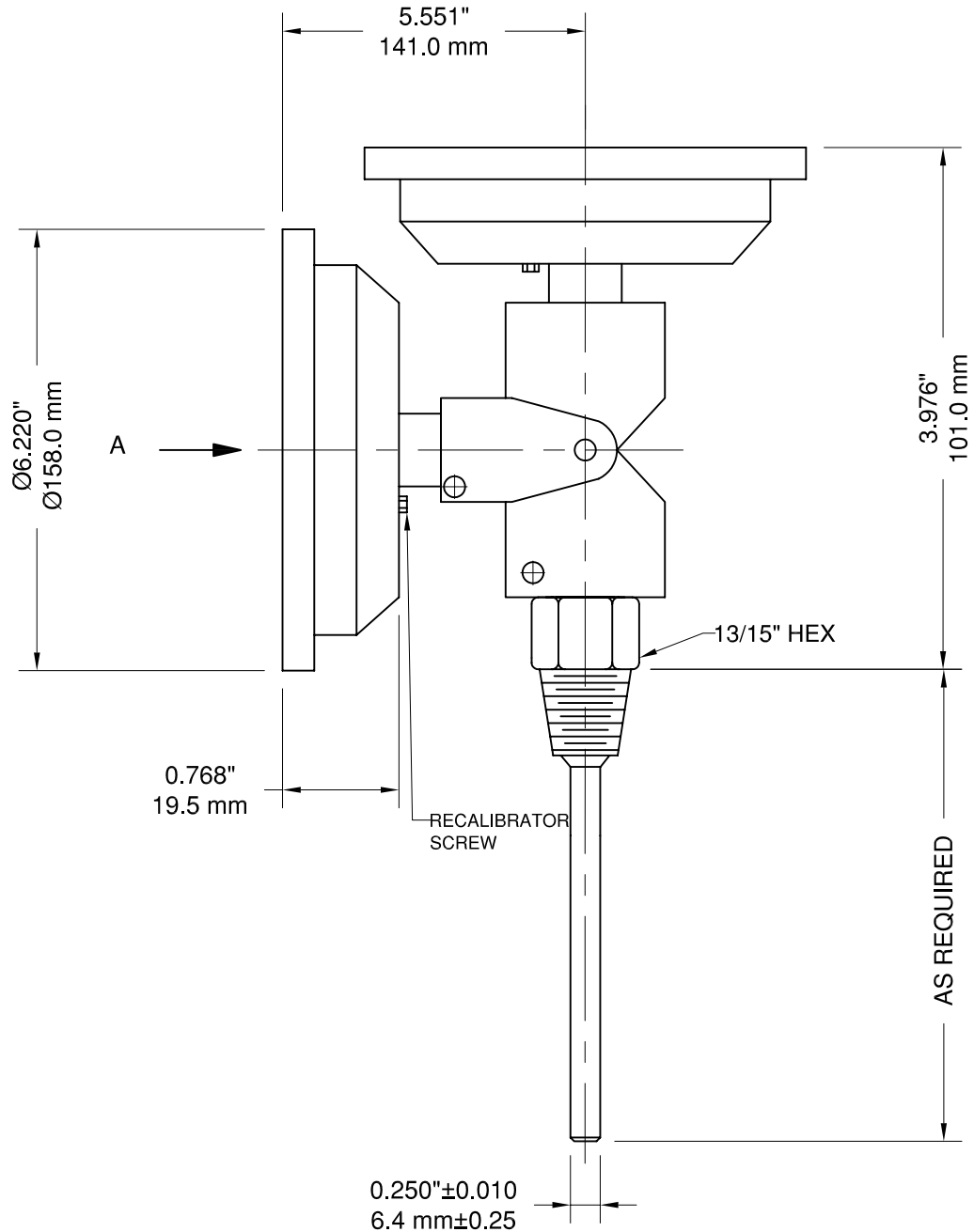
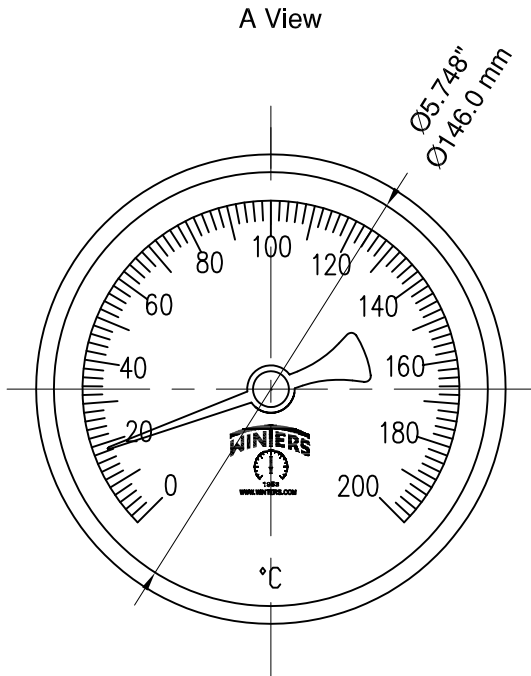
REVISION No. & DATE: APR. 11 2002

TITLE:

BIMETAL THERMOMETER, 5" DIAL,  
ADJUSTABLE ANGLE

DRAWING NO: T-BI-5-AA

Case: 304 S/S.  
 Bezel: 304 S/S.  
 Lens: Glass.  
 Dial: Aluminum silver dished dial with black markings.  
 Movement: Bimetallic coil.  
 Socket: 304 S/S.  
 Welding: TIG.  
 Accuracy:  $\pm 1\%$  of full scale.  
 Enclosure: IP65.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64" 0.4 mm
Decimal:	0.06" 1.5 mm

REVISION No. & DATE: APR. 11 2002

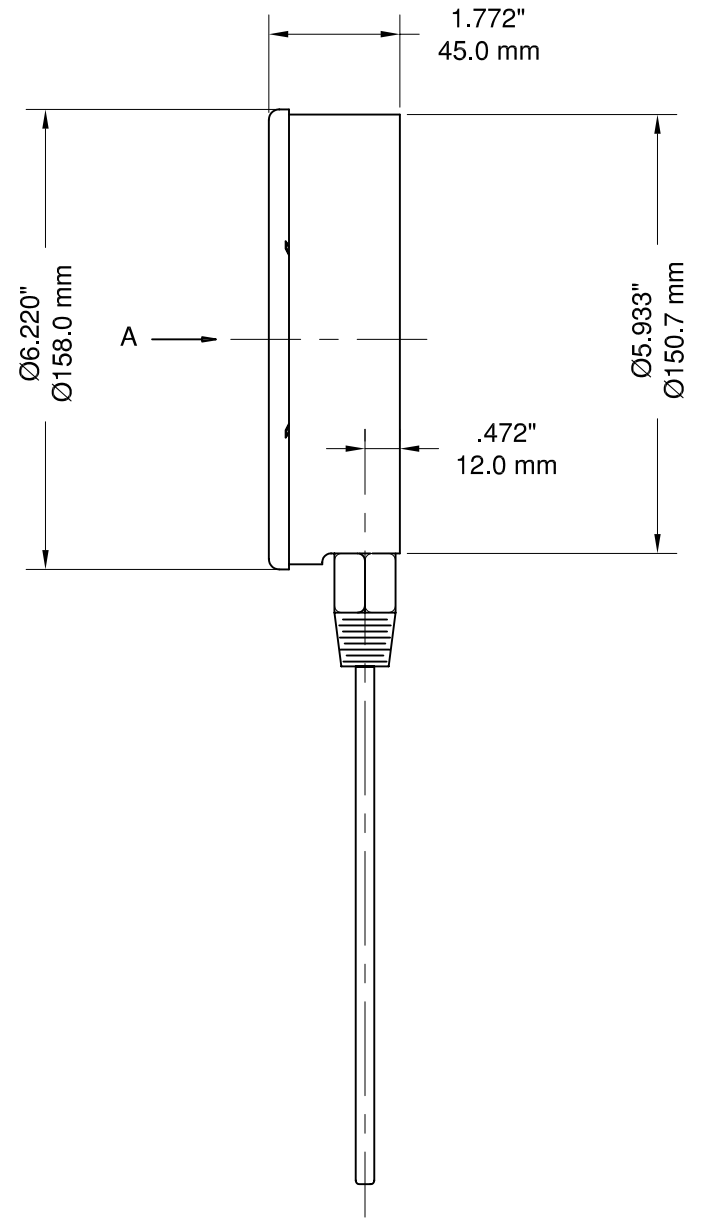
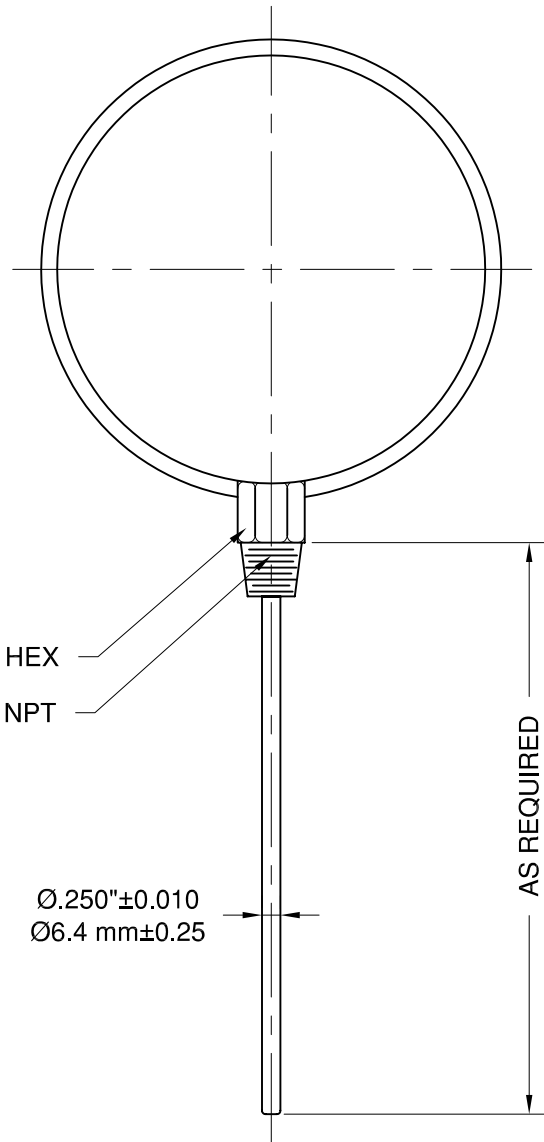
TITLE:

**BIMETAL THERMOMETER, 6" DIAL,  
 ADJUSTABLE ANGLE**

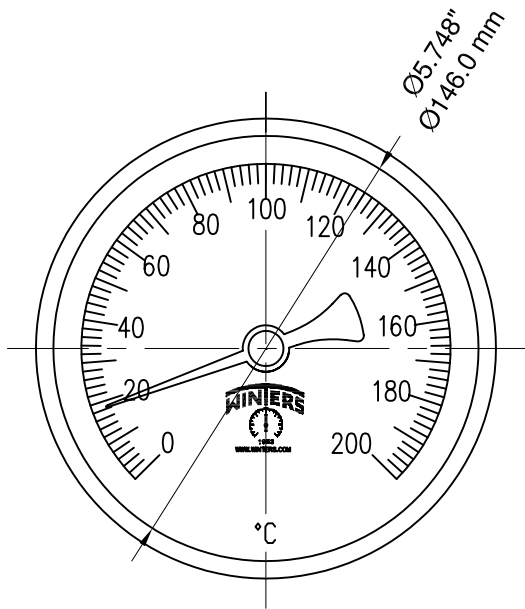
DRAWING NO: T-BI-6-AA



Case: 304 S/S.  
 Bezel: 304 S/S.  
 Lens: Glass.  
 Dial: Aluminum.  
 Movement: Bimetallic coil.  
 Socket: 304 S/S.  
 Welding: TIG.  
 Accuracy: ±1% of full scale.  
 Enclosure: IP52.



A View



DRAWN BY: E.H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
 (unless otherwise stated)

Fractional:	1/64" 0.4 mm
Decimal:	0.06" 1.5 mm

REVISION No. & DATE: APR.23, 2002

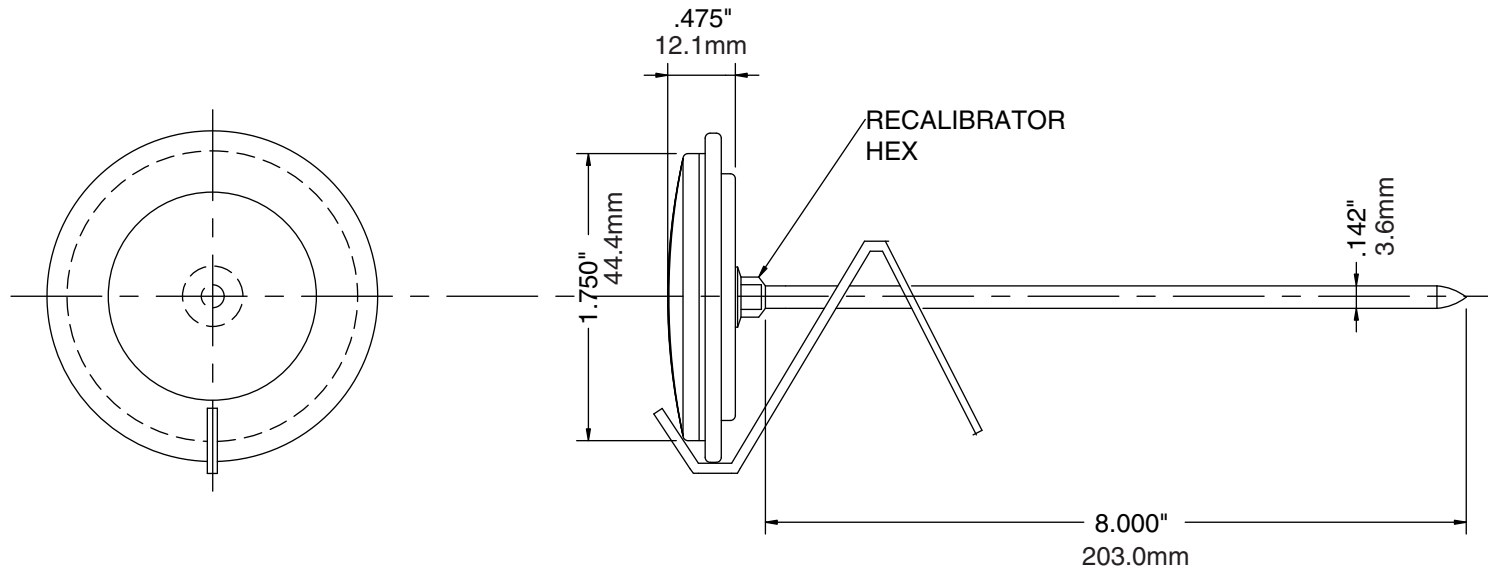
TITLE:

**BIMETAL THERMOMETER, 6" DIAL,  
 BOTTOM CONNECTION**

DRAWING NO: T-BI-6-BTM



Case: 304 S/S.  
 Bezel: 304 S/S.  
 Lens: Plexiglass.  
 Dial: Aluminum.  
 Movement: Bimetallic coil.  
 Stem: 304 S/S.  
 Welding: TIG.  
 Accuracy:  $\pm 1\%$  of full scale  
 Enclosure: IP65.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"
Decimal:	0.06"

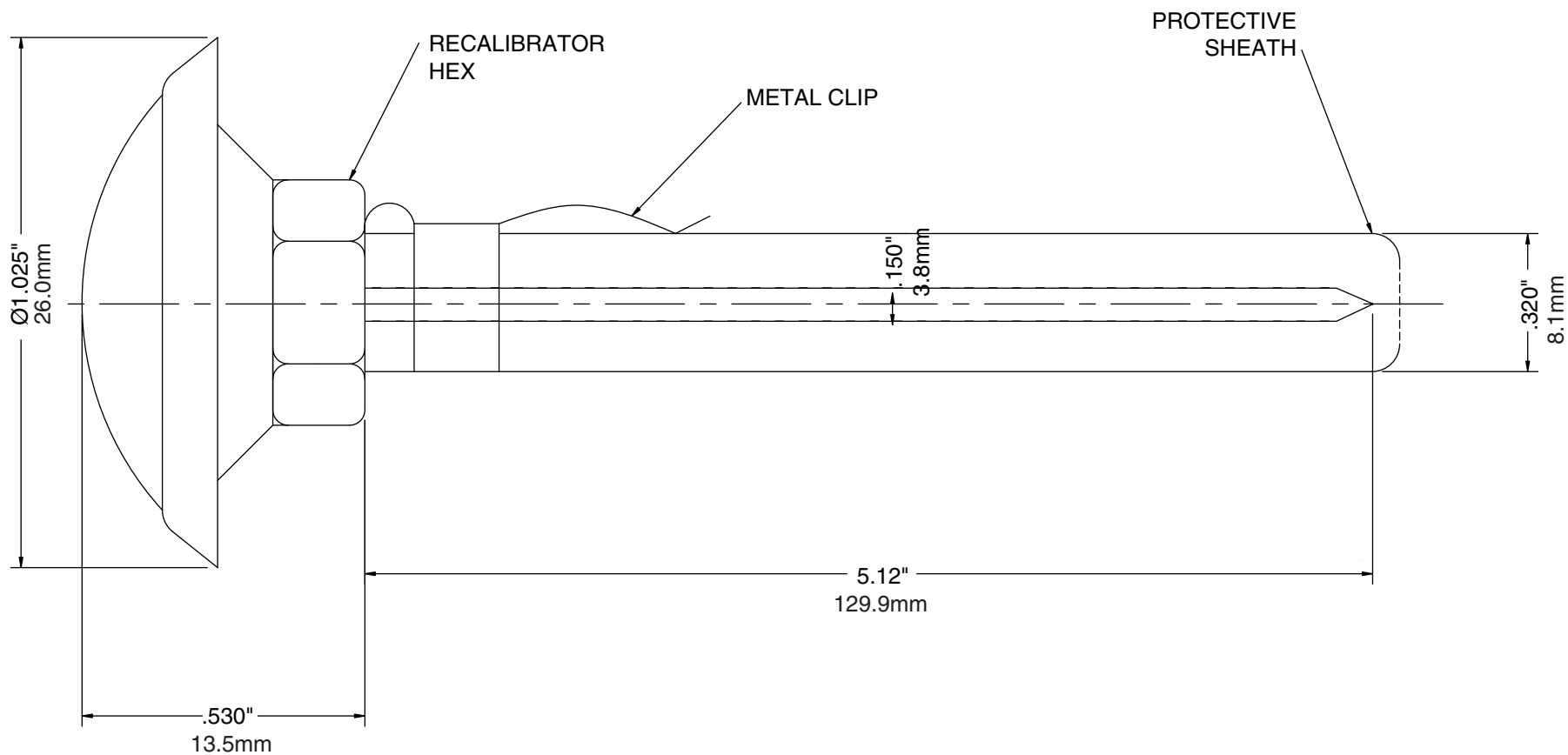
REVISION No. & DATE: APR. 11 2002

TITLE:

BIMETAL LABORATORY THERMOMETER,  
1.75" DIAL, BACK CONNECTION

DRAWING NO: T-BI-LAB

Case: 304 S/S.  
 Bezel: 304 S/S.  
 Lens: Plexiglass.  
 Dial: Aluminum.  
 Movement: Bimetallic coil.  
 Stem: 304 S/S.  
 Welding: TIG.  
 Accuracy:  $\pm 1\%$  of full scale  
 Enclosure: IP65.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"
Decimal:	0.06"

REVISION No. & DATE: APR. 11 2002

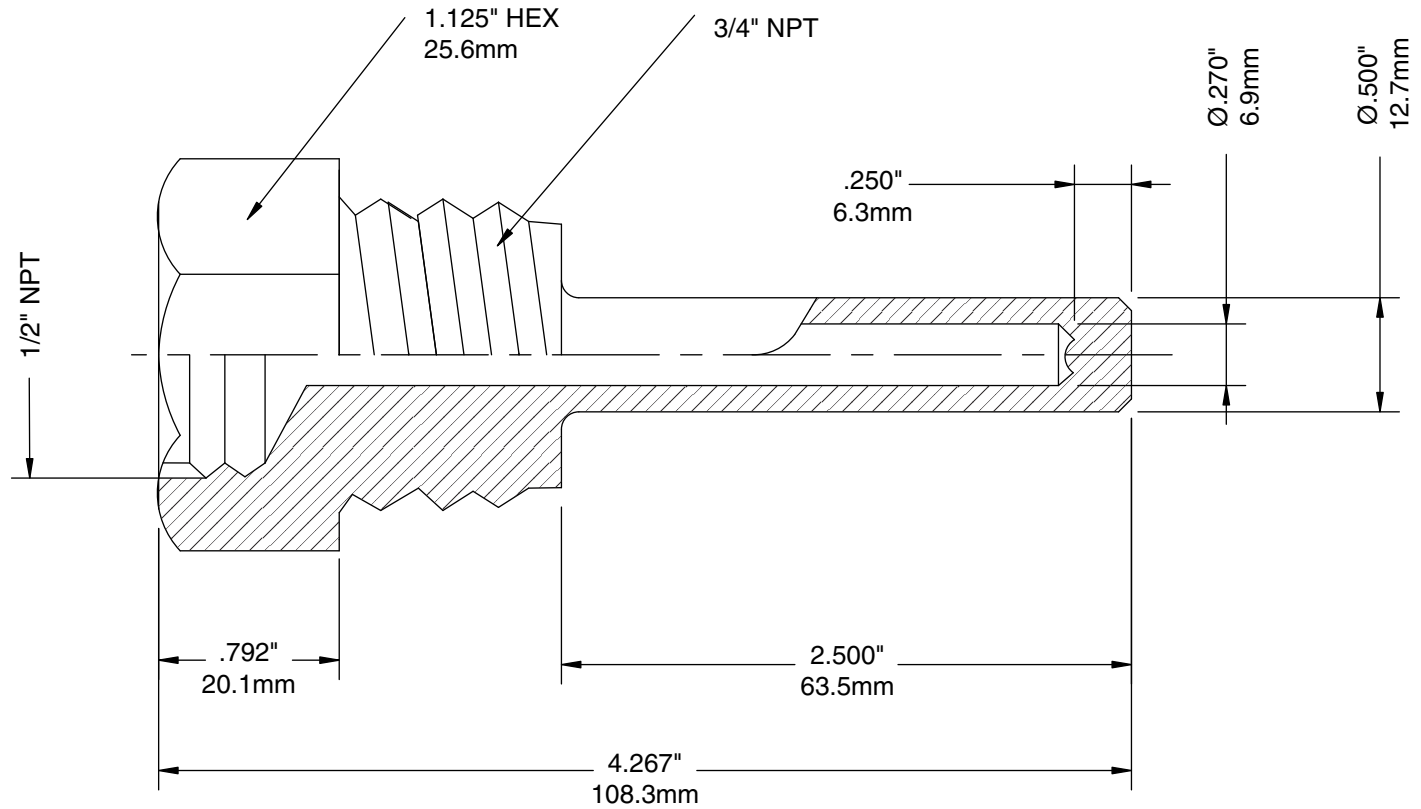
TITLE:

BIMETAL POCKET THERMOMETER, 1" DIAL,  
 BACK CONNECTION

DRAWING NO: T-BI-POCKET

HYDROSTATIC PRESSURE - TEMPERATURE RATING

- @ 20°C 7000 psi
- @ 100°C 7000 psi
- @ 300°C 6200 psi



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional: 1/64"

Decimal: 0.06"

REVISION No. & DATE: APR 3 2002

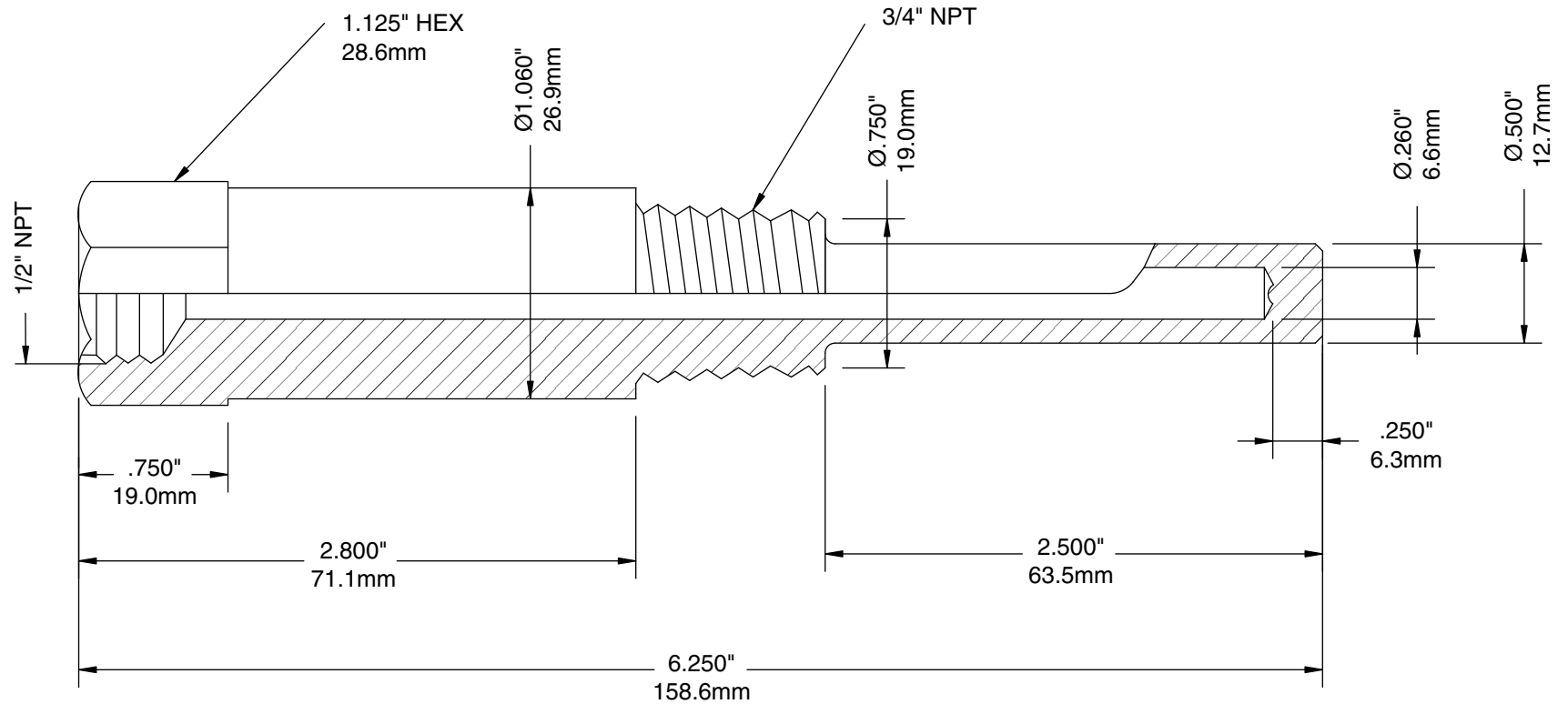
TITLE:

BI-METAL THERMOWELL, # B35

DRAWING NO: T-BI-WELL-B35

HYDROSTATIC PRESSURE - TEMPERATURE RATING

- @ 20°C 7000 psi
- @ 100°C 7000 psi
- @ 300°C 6200 psi



WINTERS INSTRUMENTS

DRAWN BY: E.H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:

1/64"

Decimal:

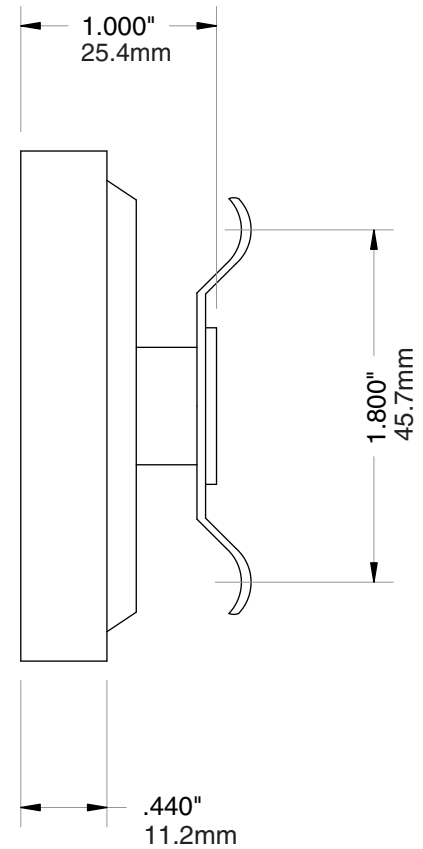
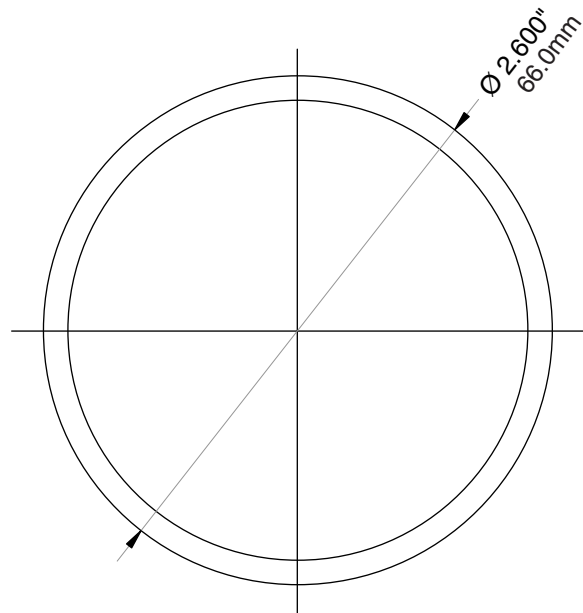
0.06"

REVISION No. & DATE: APR.16, 2002

TITLE:

BI-METAL THERMOWELL, #BN6

DRAWING NO: T-BI-WELL-BN6



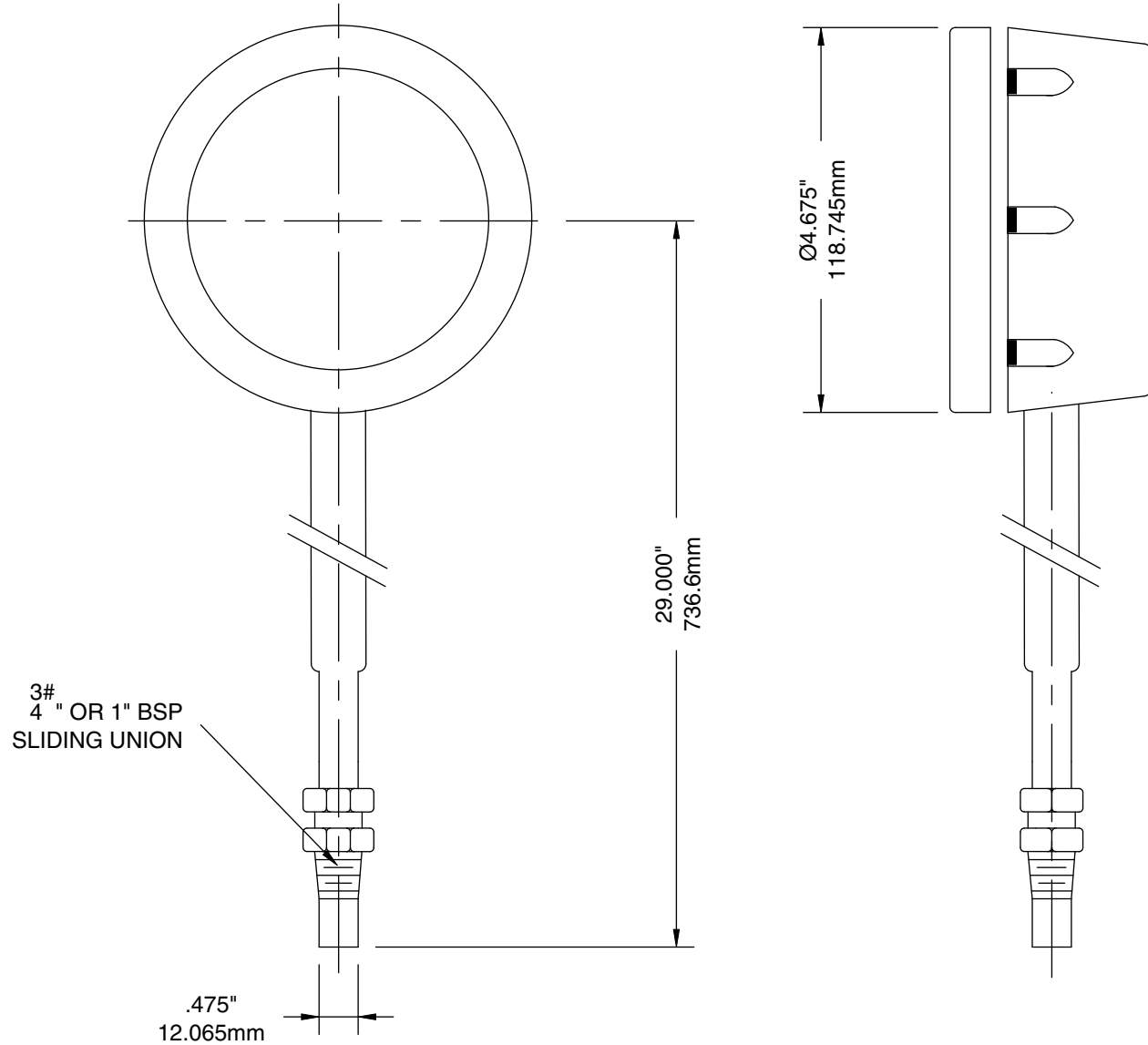
WINTERS INSTRUMENTS

DRAWN BY: E. H.  
 CHECKED BY:  
 ENG. APPROVAL:  
 APPROVED BY:

ALL DIMENSIONS IN INCHES  
 TOLERANCES  
 (unless otherwise stated)  
 Fractional: 1/64"  
 Decimal: 0.06"  
 REVISION No. & DATE: APR. 16, 2002

TITLE:  
**CLAMP-ON THERMOMETER**  
 DRAWING NO: T-CLMP

Ambient Temperature: -30°C / 70°C (-22°F / 158°F).  
 Process Temperature: -30°C / 650°C (-22°F / 1200°F).  
 Case: Mild steel, painted black.  
 Bezel: Mild steel, painted black.  
 Lens: Glass.  
 Dial: Aluminum.  
 Movement: Steel, mercury actuated.  
 Stem: Steel, painted black.  
 Accuracy: ± 2% of full scale.  
 Enclosure: IP65.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

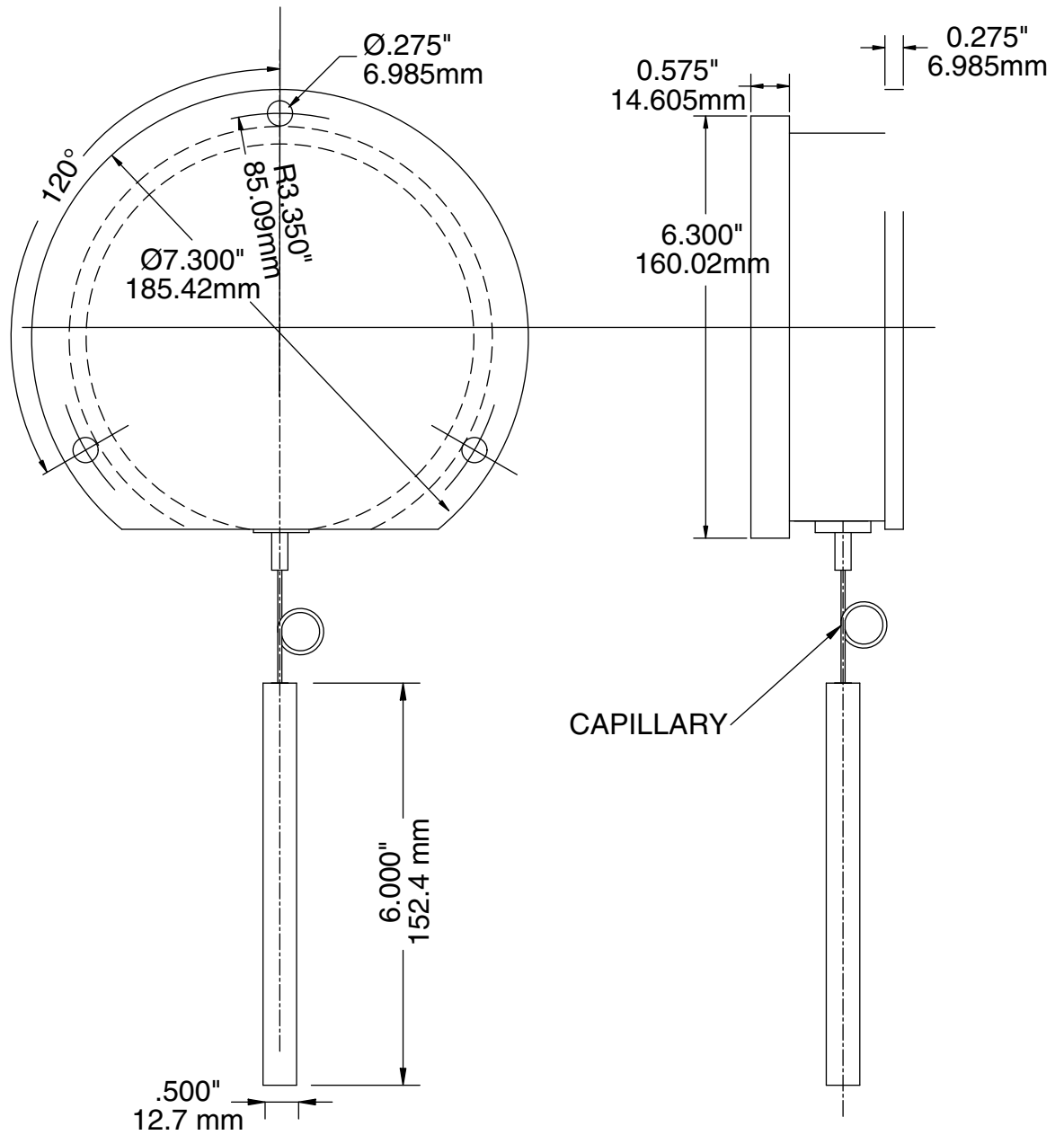
Fractional:	1/64"	.4mm
Decimal:	0.06"	1.5mm

REVISION No. & DATE: APR. 16, 2002

TITLE:

DIESEL THERMOMETER

DRAWING NO: T-DIESEL



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

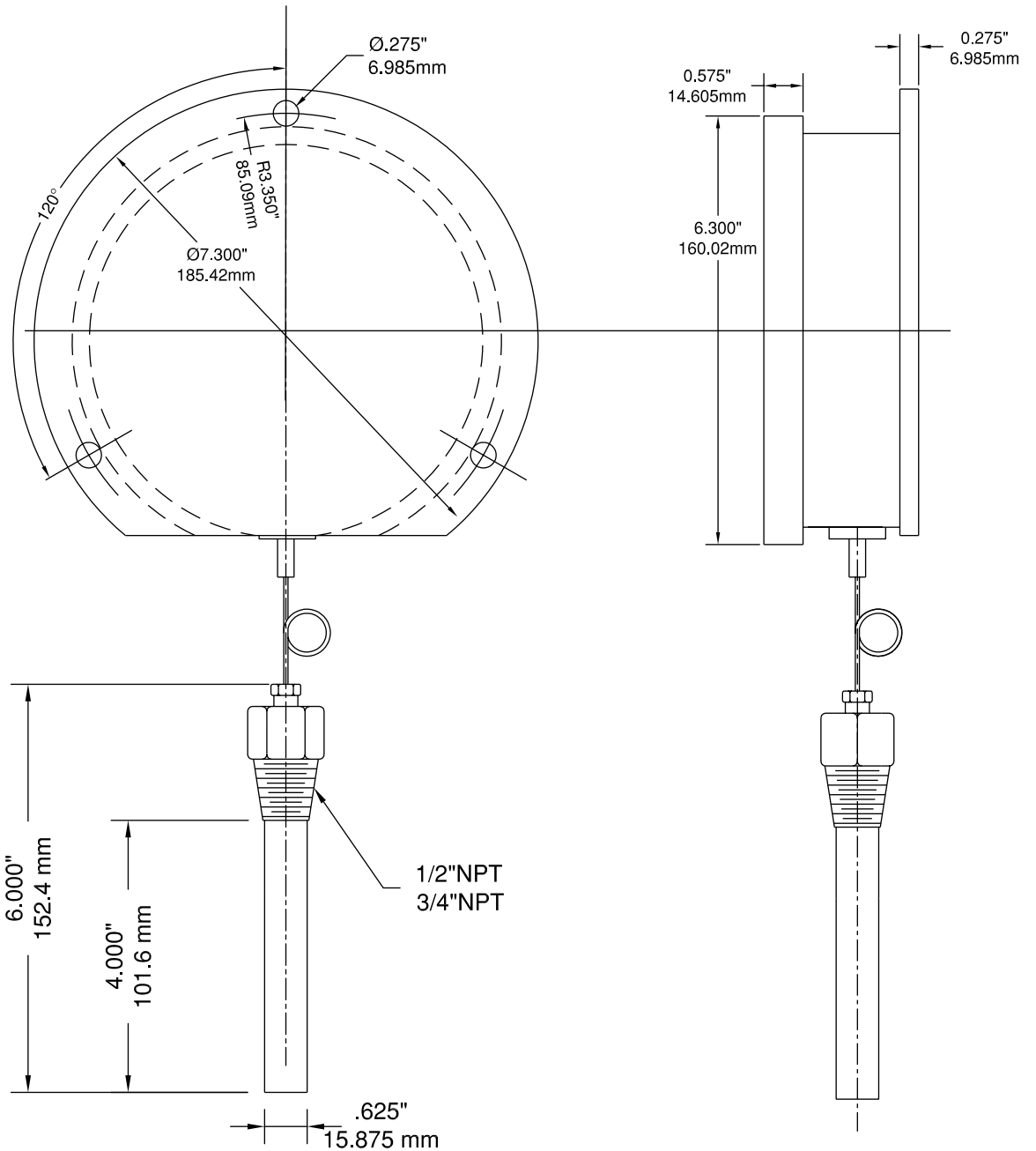
Fractional:	1/64"	.4mm
Decimal:	0.06"	1.5mm

REVISION No. & DATE: APR. 30, 2002

TITLE:

6" GAS REMOTE READING THERMOMETER, BOTTOM CONNECTION, BACK FLANGE, PLAIN BULB

DRAWING NO: T-GAS-REMOTEREADING-6-BTM-BF-PLAIN



WINTERS INSTRUMENTS

DRAWN BY: E. H.  
 CHECKED BY:  
 ENG. APPROVAL:  
 APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

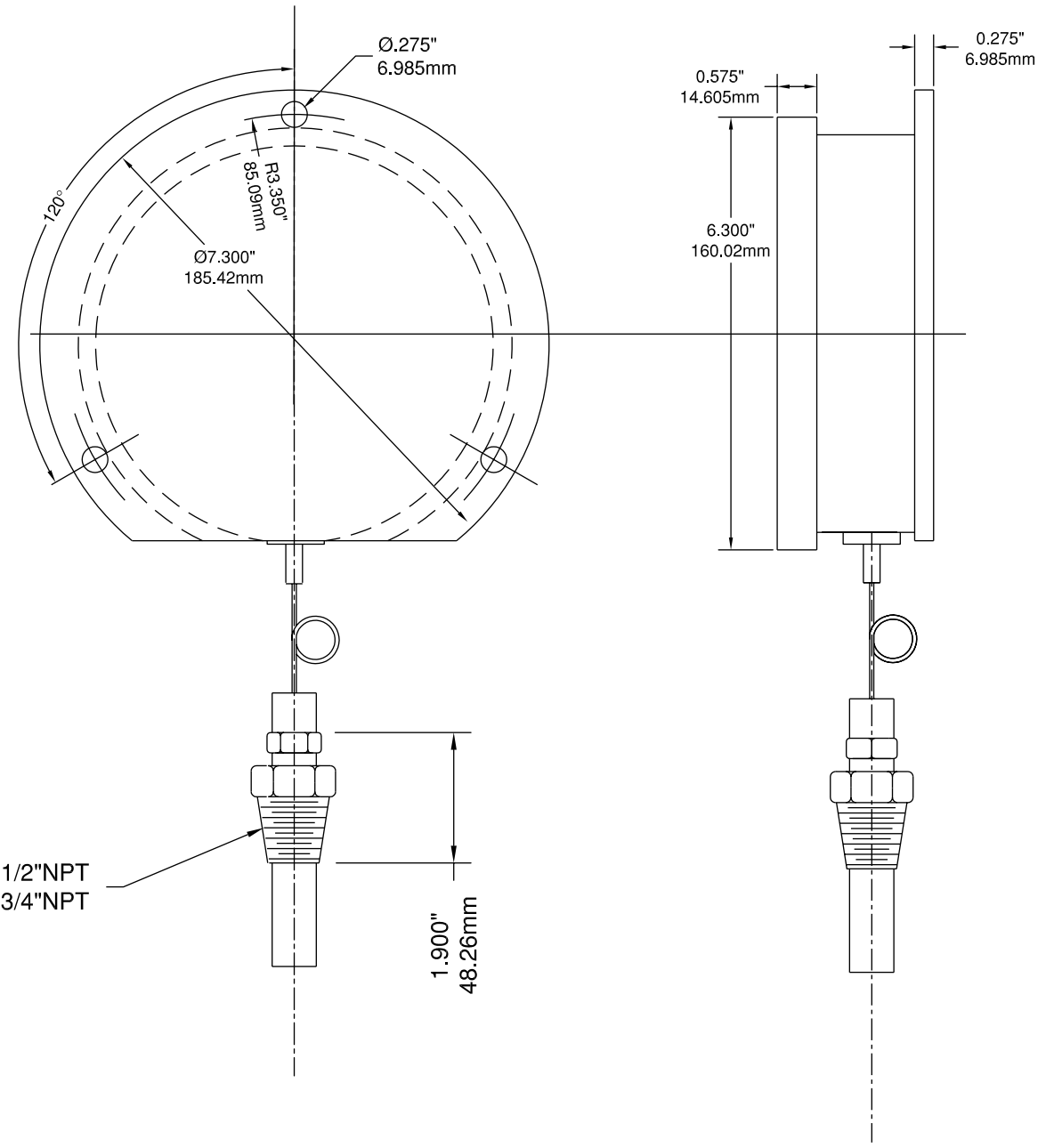
TOLERANCES (unless otherwise stated)	
Fractional:	1/64" .4mm
Decimal:	0.06" 1.5mm

REVISION No. & DATE: APR. 30, 2002

TITLE:  
**6" GAS REMOTE READING THERMOMETER, BOTTOM CONNECTION, BACK FLANGE, SEPARATE WELL**

DRAWING NO: T-GAS-REMOTEREADING-6-BTM-BF-SEPARATE





1/2"NPT  
3/4"NPT

1.900"  
48.26mm



DRAWN BY: E. H.  
 CHECKED BY:  
 ENG. APPROVAL:  
 APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

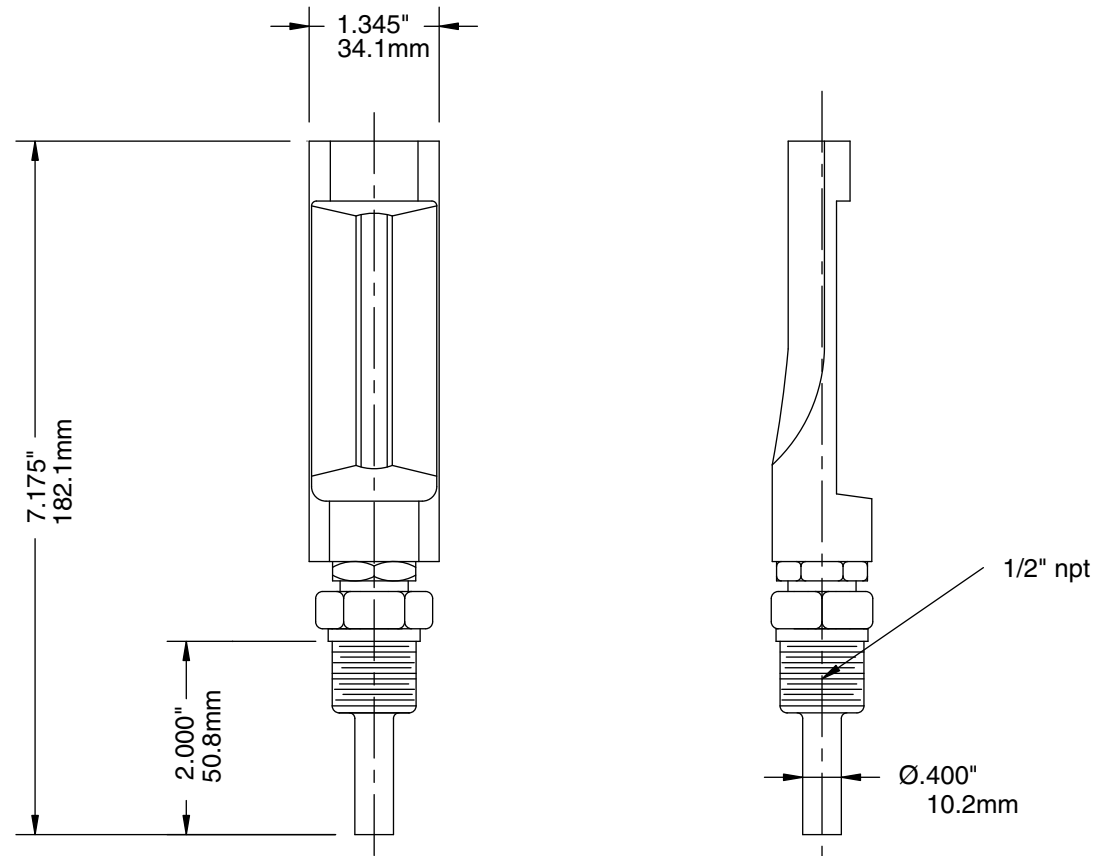
TOLERANCES (unless otherwise stated)		
Fractional:	1/64"	.4mm
Decimal:	0.06"	1.5mm

REVISION No. & DATE: APR. 30, 2002

TITLE:  
**6" GAS REMOTE READING THERMOMETER, BOTTOM CONNECTION, BACK FLANGE, SLIDING UNION**

DRAWING NO: T-GAS-REMOTEREADING-6-BTM-BF-SLIDING

Ambient Temperature: -40°C / 200°C (-40°F / 400°F).  
 Process Temperature: -40°C / 200°C (-40°F / 400°F).  
 Case: Aluminum, anodized gold.  
 Tube: Organic red fill glass tube.  
 Accuracy: ±2% of full scale.  
 Enclosure: IP65.  
 Socket: Brass.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional: 1/64"

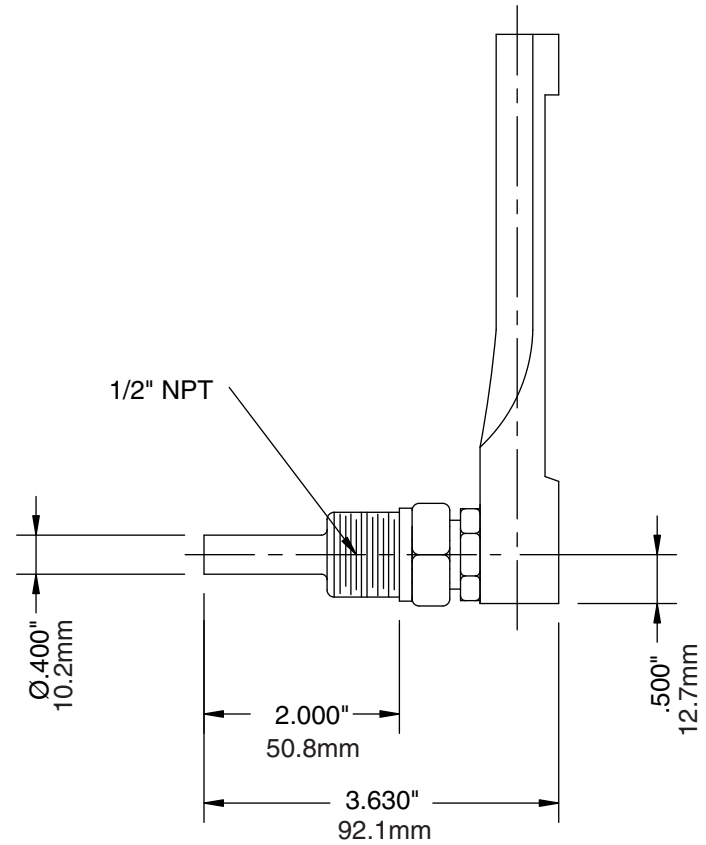
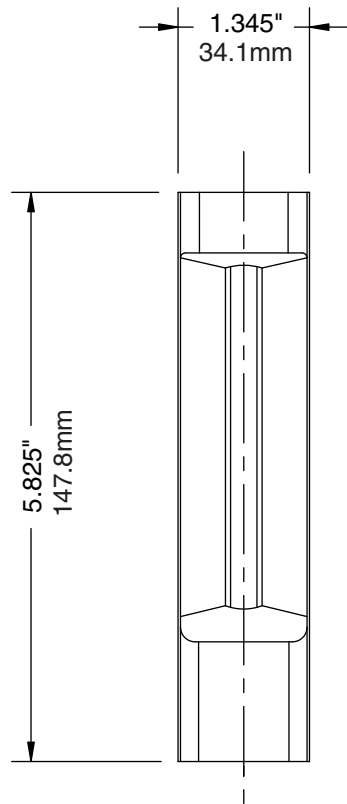
Decimal: 0.06"

REVISION No. & DATE: APR. 22, 2002

TITLE:

4.5" HVAC THERMOMETER (GC SERIES)

DRAWING NO: T-GC-4.5



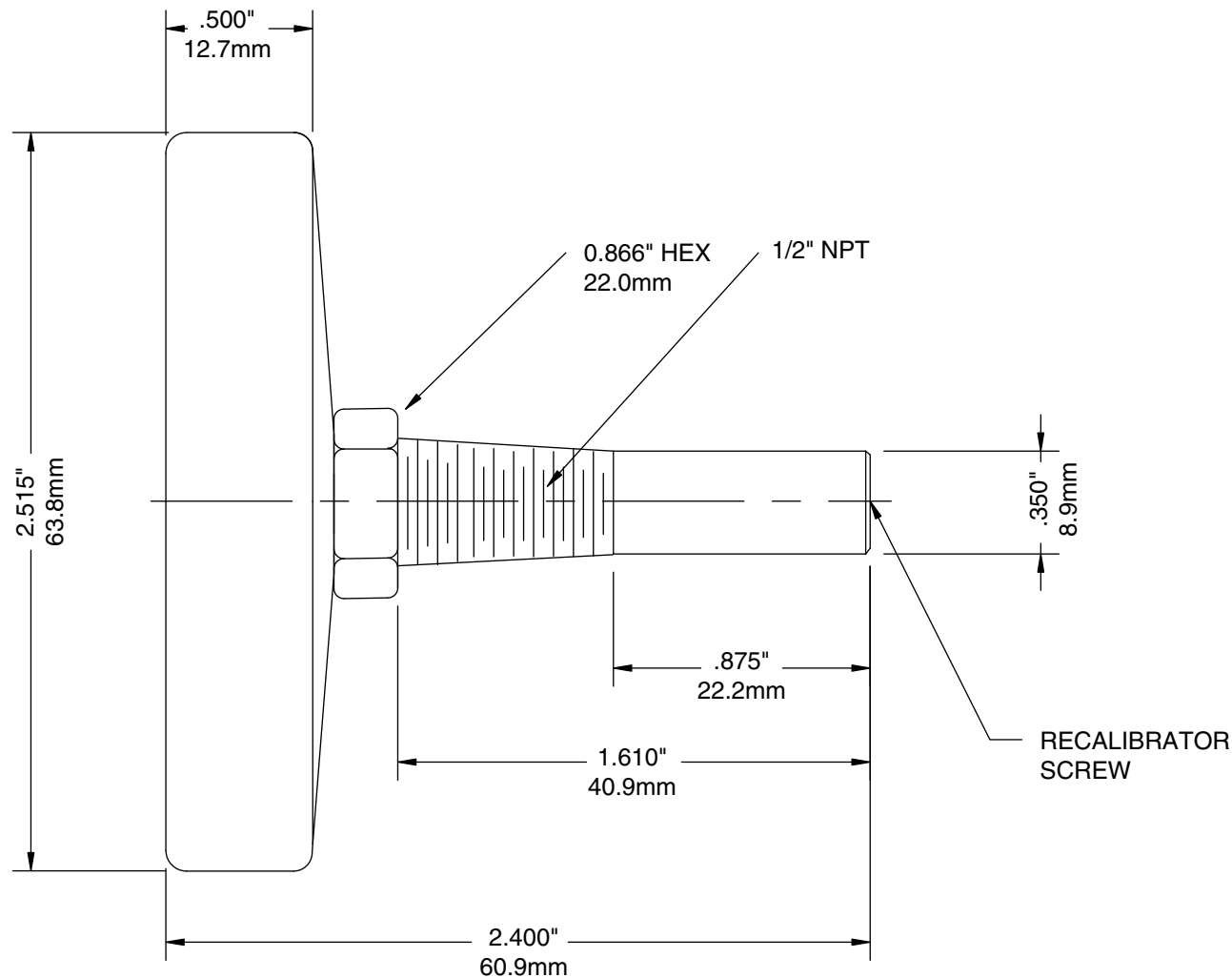
WINTERS INSTRUMENTS

DRAWN BY: E. H.  
 CHECKED BY:  
 ENG. APPROVAL:  
 APPROVED BY:

ALL DIMENSIONS IN INCHES  
 TOLERANCES  
 (unless otherwise stated)  
 Fractional: 1/64"  
 Decimal: 0.06"  
 REVISION No. & DATE: APR. 22, 2002

TITLE:  
**6" HVAC ANGLE THERMOMETER (GC SERIES)**  
 DRAWING NO: T-GC-6-ANGLE

Case: Aluminum.  
 Bezel: Steel, chrome plated.  
 Lens: Glass.  
 Dial: Aluminum.  
 Movement: Bi-metallic element.  
 Stem: Brass.  
 Accuracy:  $\pm 1$  increment.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"
Decimal:	0.06"

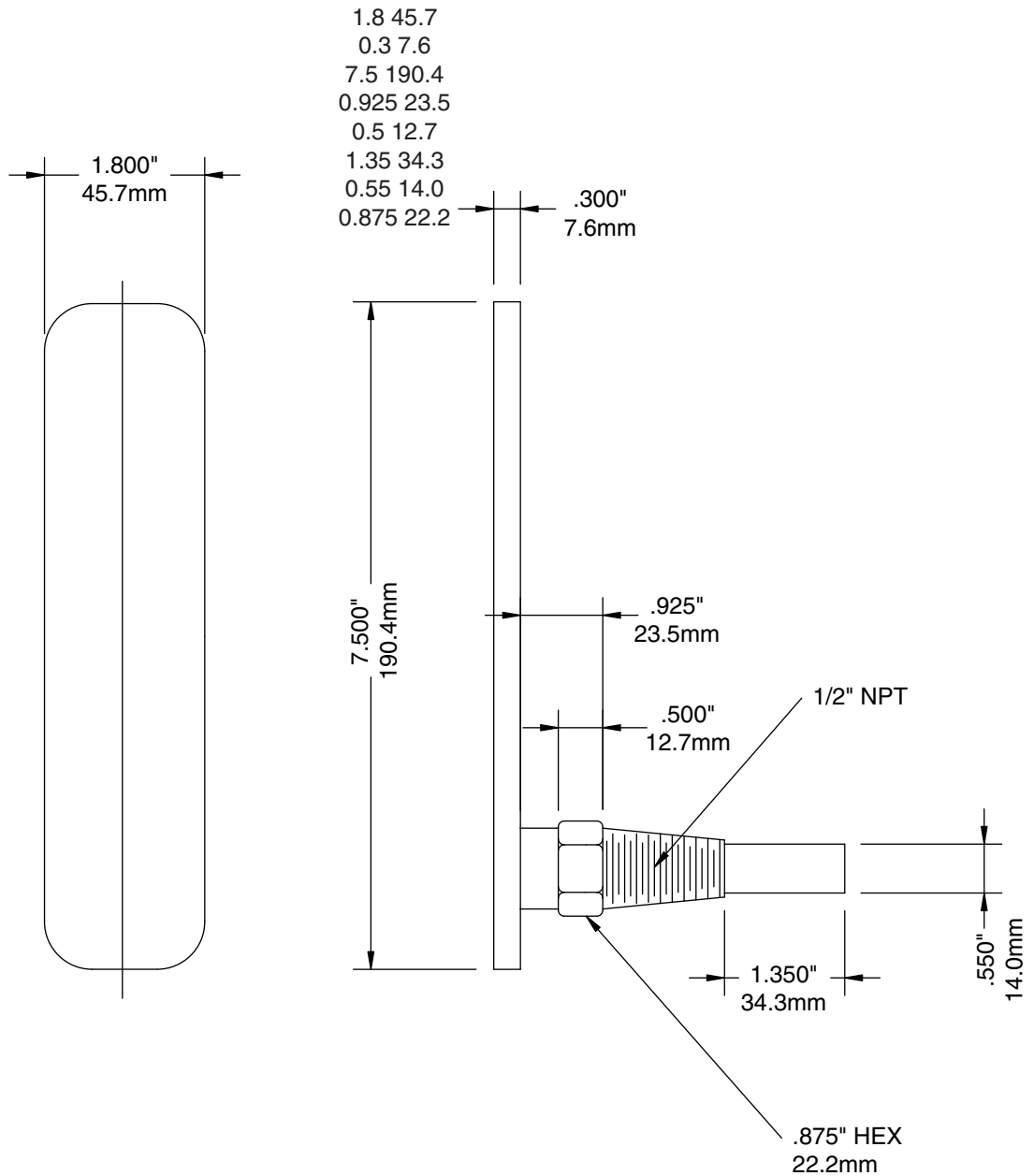
REVISION No. & DATE: APR. 16, 2002

TITLE:

DIAL HOT WATER THERMOMETER

DRAWING NO: T-HOTH2O-DIAL

Case: Steel, painted white.  
 Tube: N-16 glass, kerosene filled, tinted red.  
 Socket: Brass.  
 Accuracy: ±1.0% of full scale.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"
Decimal:	0.06"

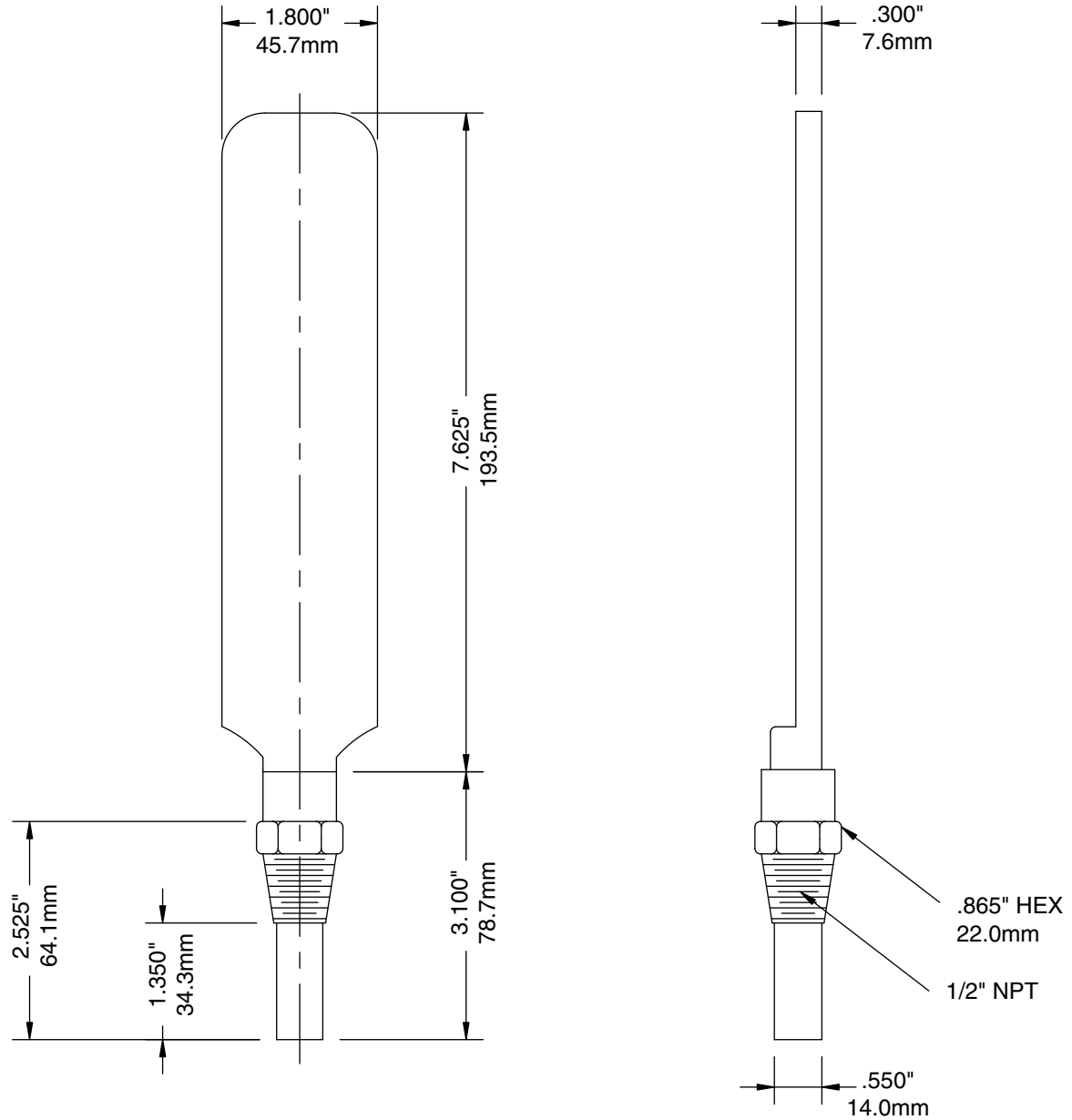
REVISION No. & DATE: APR. 16, 2002

TITLE:

STEM HOT WATER THERMOMETER, BACK CONNECTION

DRAWING NO: T-HOTH2O-STEM-BK

Case: Steel, painted white.  
 Tube: N-16 glass, kerosene filled, tinted red.  
 Socket: Brass.  
 Accuracy:  $\pm 1.0\%$  of full scale.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional: 1/64"

Decimal: 0.06"

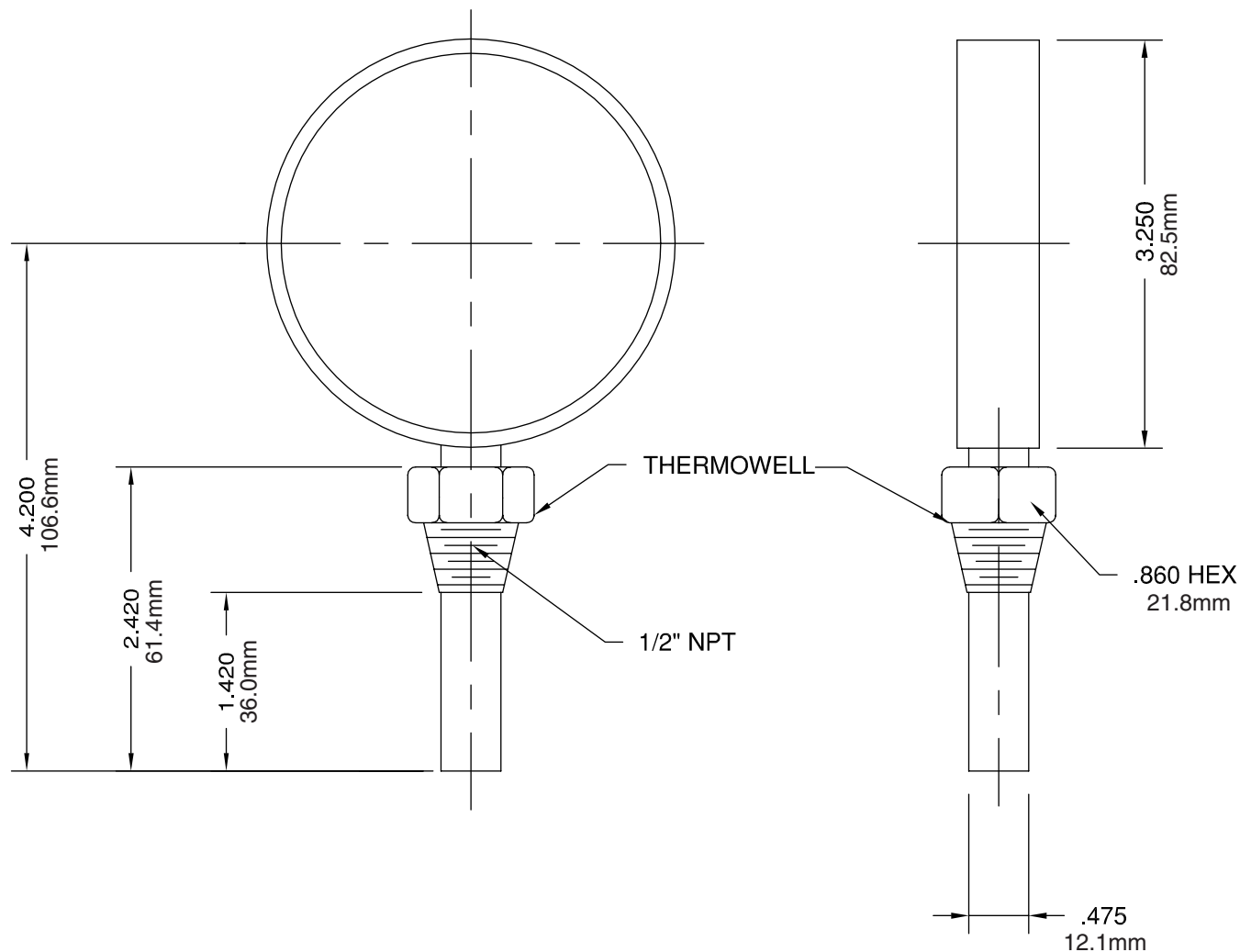
REVISION No. & DATE: APR. 16, 2002

TITLE:

STEM HOT WATER THERMOMETER,  
 BOTTOM CONNECTION

DRAWING NO: T-HOTH2O-STEM-BTM

Ambient Temperature: -30°C / 70°C (-22°F / 158°F).  
 Process Temperature: -30°C / 120°C (-22°F / 250°F).  
 Case: Steel, painted black.  
 Bezel: Steel, chrome plated.  
 Lens: Glass.  
 Dial: Aluminum.  
 Movement: Bi-metallic coil.  
 Thermowell: Brass.  
 Accuracy: ±2% of full scale.  
 Enclosure: IP50.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional: 1/64"

Decimal: 0.06"

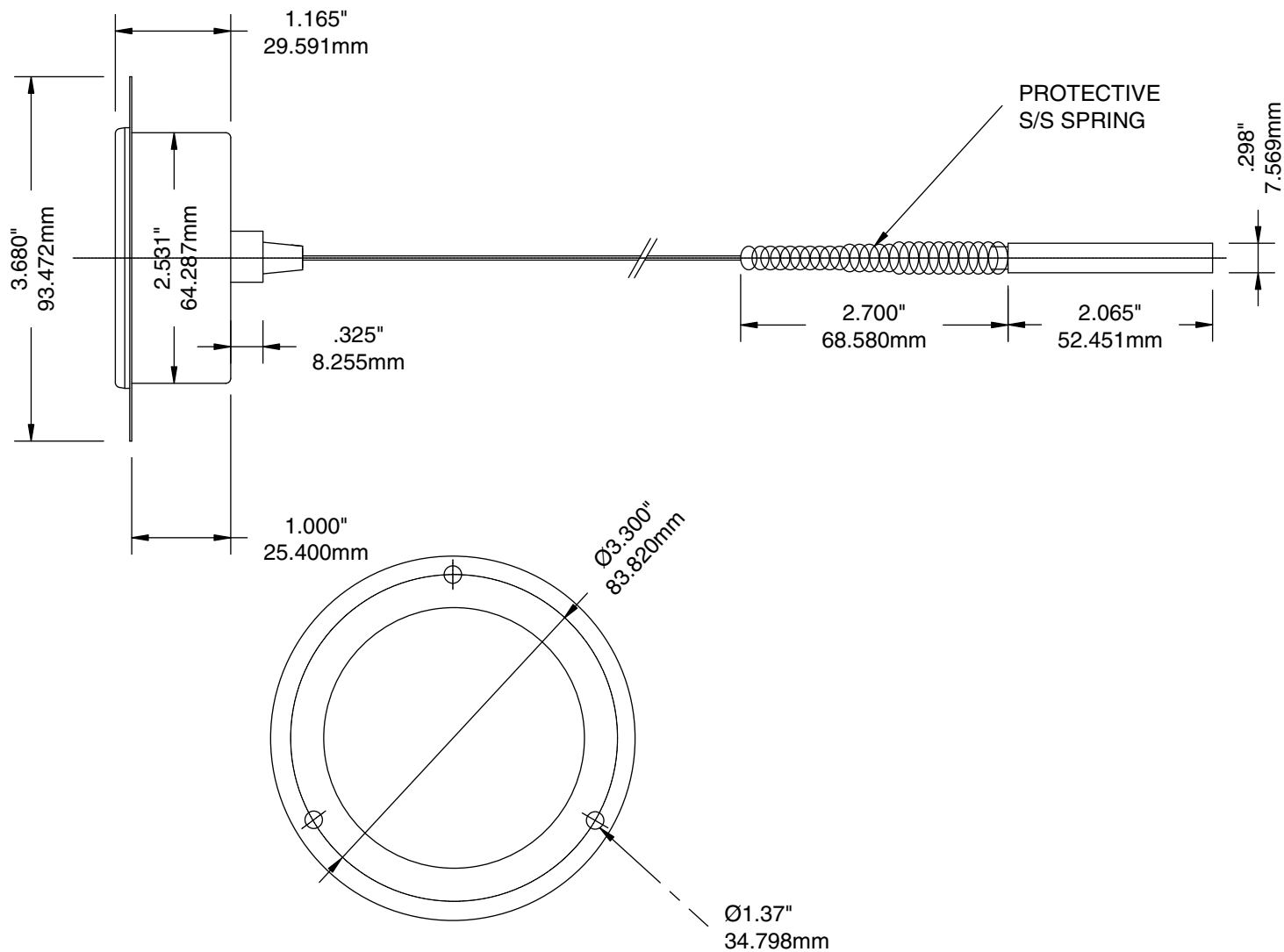
REVISION No. & DATE: APR. 18, 2002

TITLE:

HVAC BI-METAL THERMOMETER,  
BOTTOM CONNECTION

DRAWING NO: T-HVAC-BIMET-BTM

Case: 304 S/S.  
 Lens: Plexiglass.  
 Dial: Aluminum.  
 Capillary: S/S.  
 Tube: Ph Bz.  
 Movement: Brass.  
 Bulb: S/S.  
 Welding: Silver alloy.  
 Accuracy:  $\pm 2.5\%$  of full scale.  
 Enclosure: IP52



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"	.4mm
Decimal:	0.06"	1.5mm

REVISION No. & DATE: APR. 19, 2002

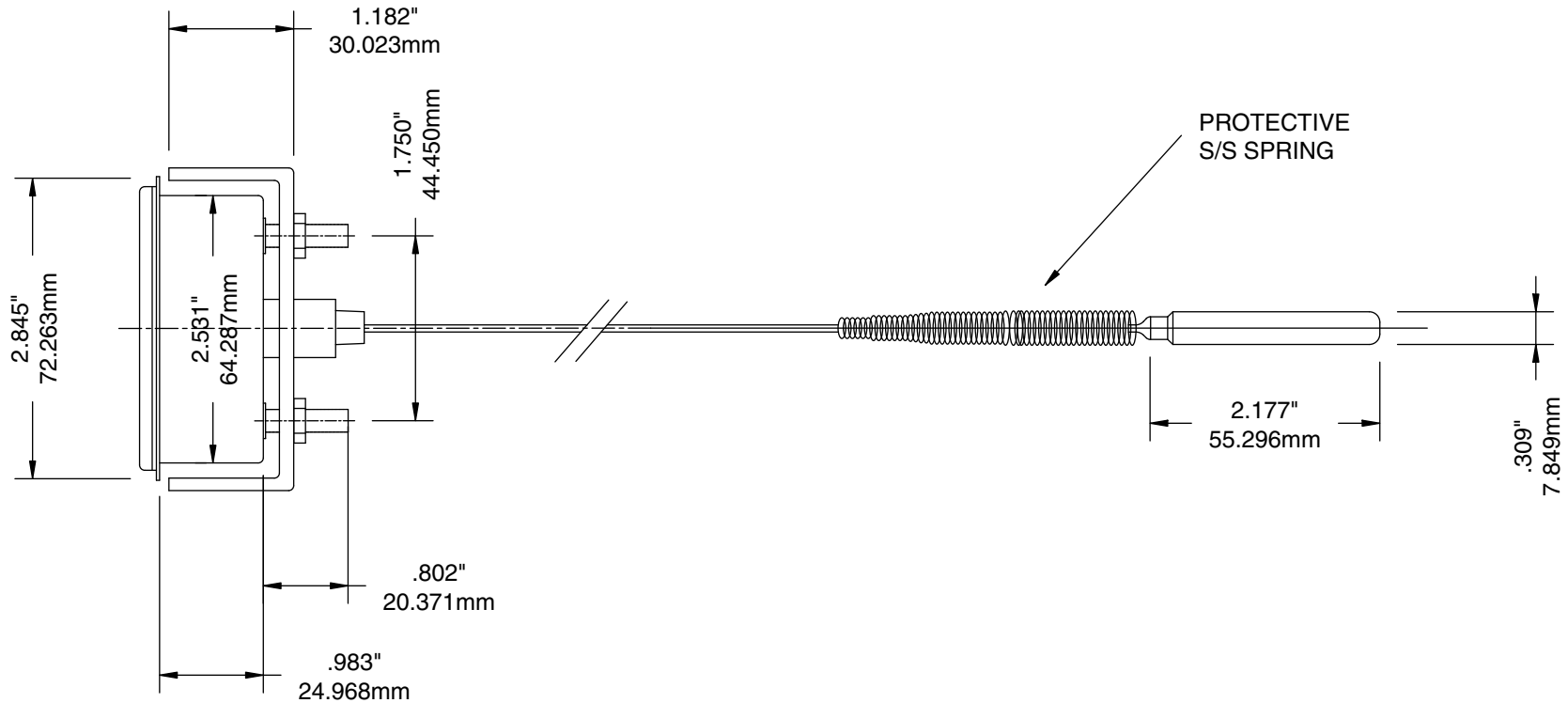
TITLE:

**2.5" HVAC REMOTE READING THERMOMETER  
WITH FRONT FLANGE**

DRAWING NO: T-HVACREMOTE-2.5-FF



Case: 304 S/S.  
 Lens: Plexiglass.  
 Dial: Aluminum.  
 Capillary: 304 S/S.  
 Tube: Ph Bz.  
 Movement: Brass.  
 Bulb: Nickel plated brass.  
 Welding: Silver alloy.  
 Accuracy:  $\pm 2.5\%$  of full scale.  
 Enclosure: IP52



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"	.4mm
Decimal:	0.06"	1.5mm

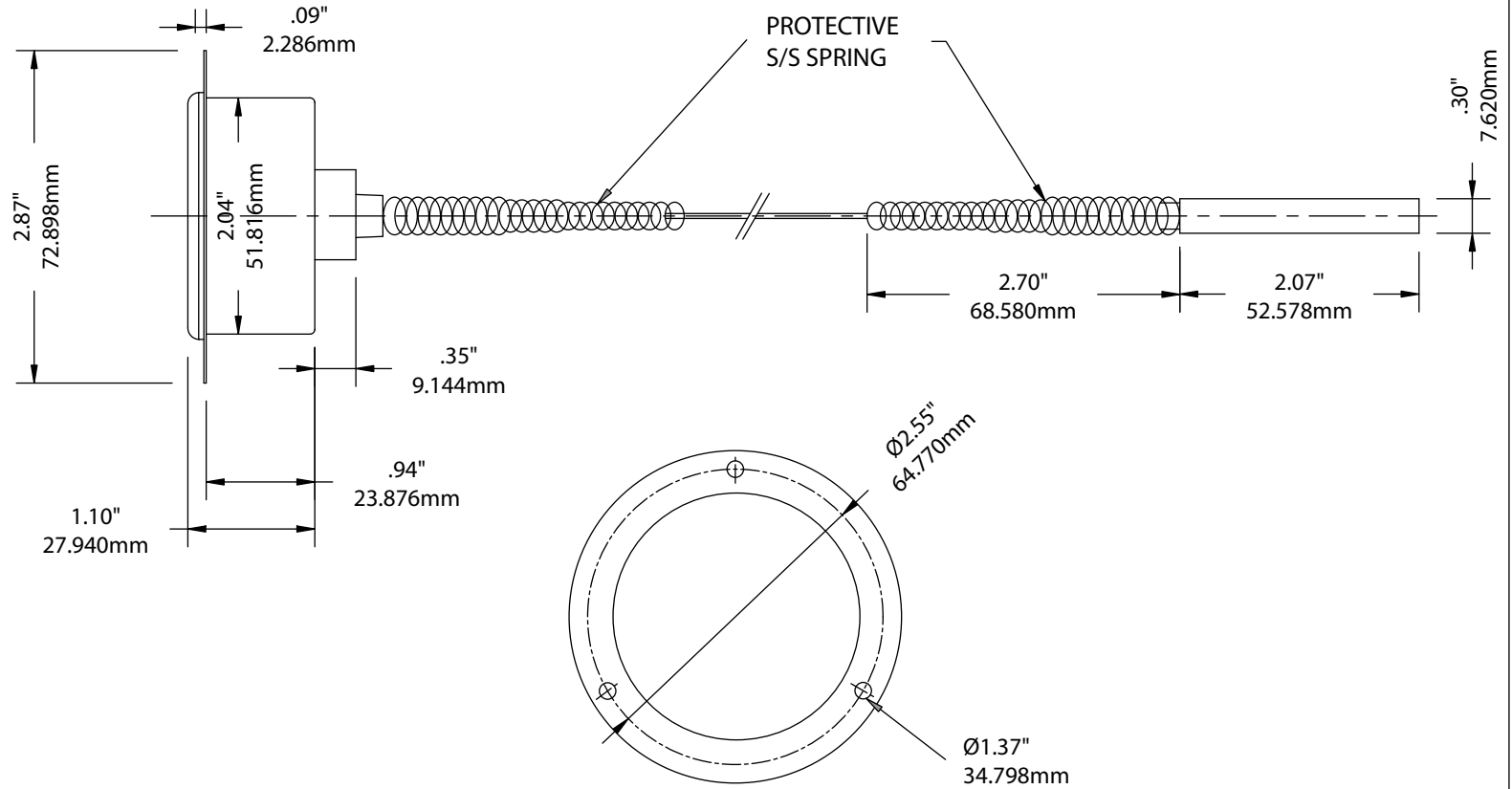
REVISION No. & DATE: APR. 19, 2002

TITLE:

2.5" HVAC REMOTE READING THERMOMETER  
WITH "U" CLAMP

DRAWING NO: T-HVACREMOTE-2.5-UC

Case: 304 S/S.  
 Lens: Plexiglass.  
 Dial: Aluminum.  
 Capillary: 304 S/S.  
 Tube: Ph Bz.  
 Movement: Brass.  
 Bulb: Nickel plated brass.  
 Welding: Silver alloy.  
 Accuracy:  $\pm 2.5\%$  of full scale.  
 Enclosure: IP52



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64" .4mm
Decimal:	0.06" 1.5mm

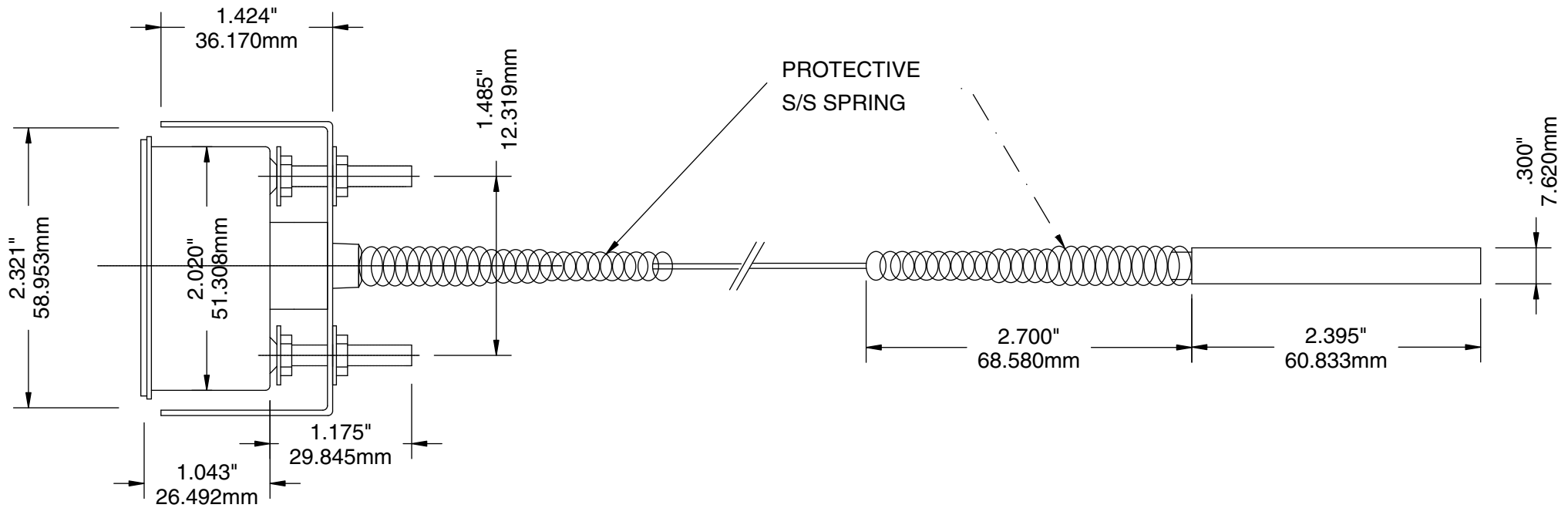
REVISION No. & DATE: APR. 19, 2002

TITLE:

2" HVAC REMOTE READING THERMOMETER, FRONT  
FLANGE

DRAWING NO: T-HVACREMOTE-2-FF

Case: 304 S/S.  
 Lens: Plexiglass.  
 Dial: Aluminum.  
 Capillary: S/S.  
 Tube: Ph Bz.  
 Movement: Brass.  
 Bulb: S/S.  
 Welding: Silver alloy.  
 Accuracy:  $\pm 2.5\%$  of full scale.  
 Enclosure: IP52



1953

WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"	.4mm
Decimal:	0.06"	1.5mm

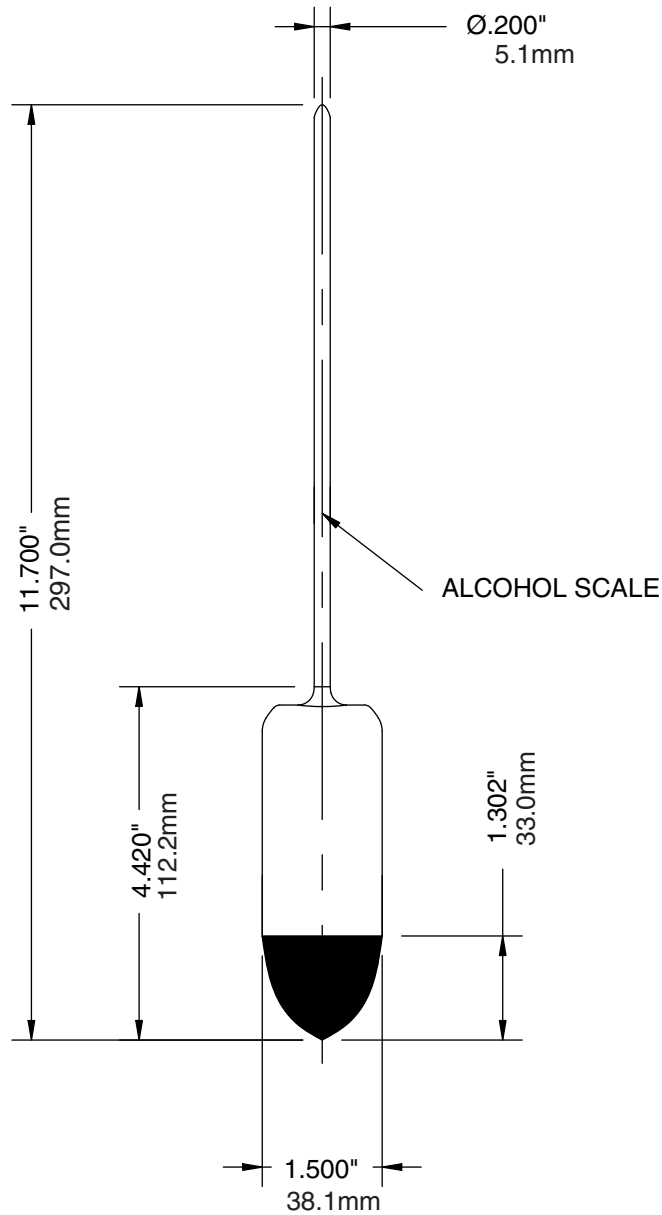
REVISION No. & DATE: APR. 19, 2002

TITLE:

2" HVAC REMOTE READING THERMOMETER WITH  
"U" CLAMP

DRAWING NO: T-HVACREMOTE-2-UC

Case: Soda glass.  
 Accuracy:  $\pm 0.2\%$  of full scale.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"
Decimal:	0.06"

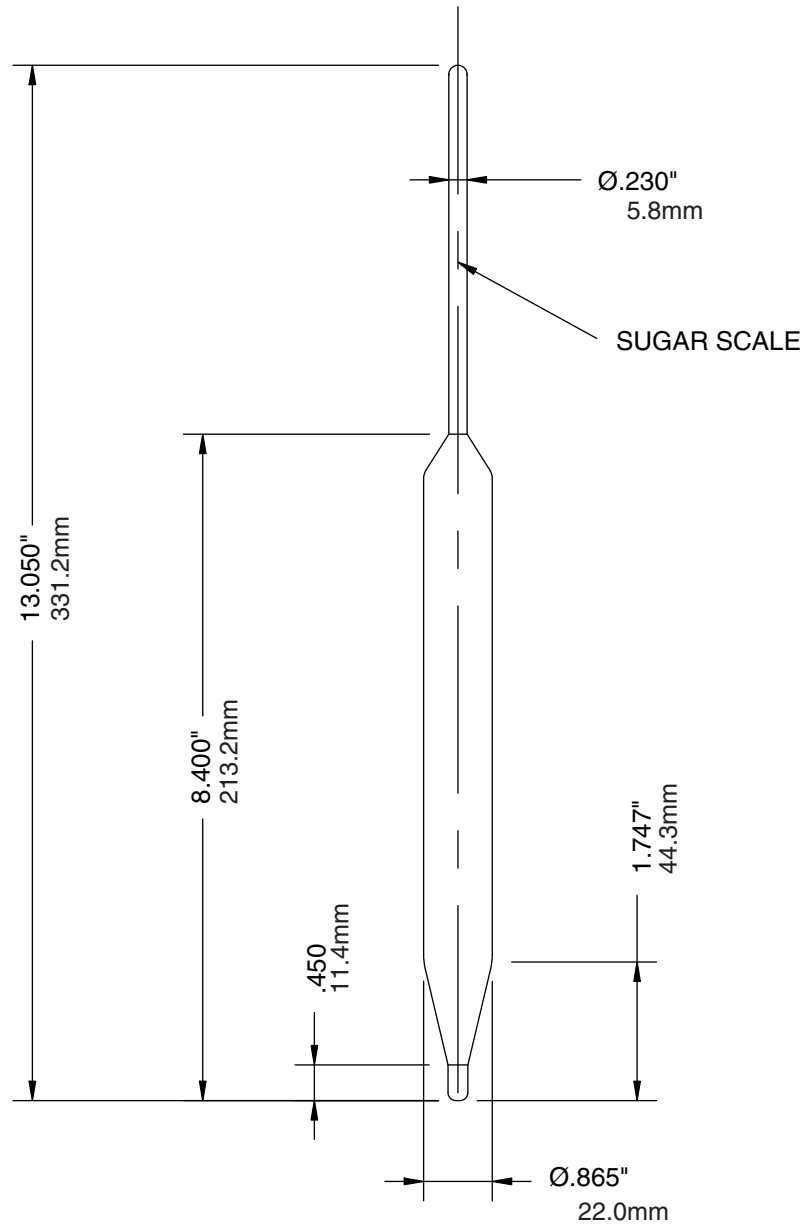
REVISION No. & DATE: APR. 16, 2002

TITLE:

ALCOHOL HYDROMETER

DRAWING NO: T-HYDROMETER-ALCOHOL

Ambient Temperature: 20°C (68°F).  
 Case: Soda glass.  
 Bulb: Shot poised, sealed with special wax.  
 Media Temperature: 0°C / 80°C (32°F / 176°F).



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"
Decimal:	0.06"

REVISION No. & DATE: APR. 23, 2002

TITLE:

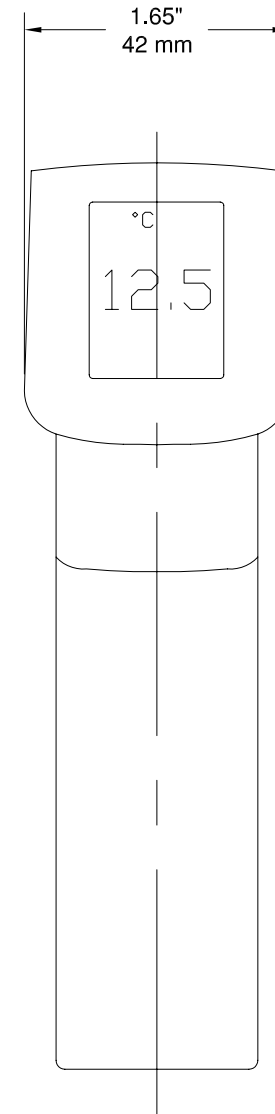
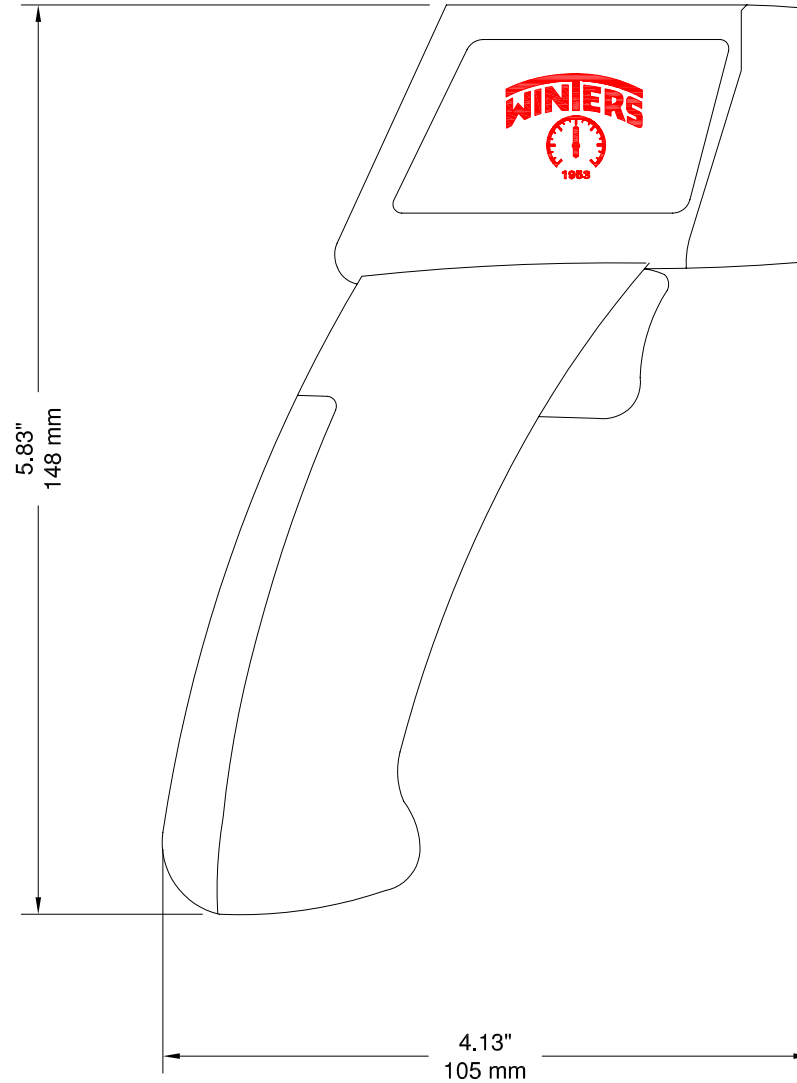
BEER HYDROMETER

DRAWING NO: T-HYDROMETER-BEER

Range: -30°C / 550°C (-22°F / 1022°F).

Accuracy: ±2% of reading.

Field of view: 10:1 with laser mark.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"	0.4 mm
Decimal:	0.06"	1.5 mm

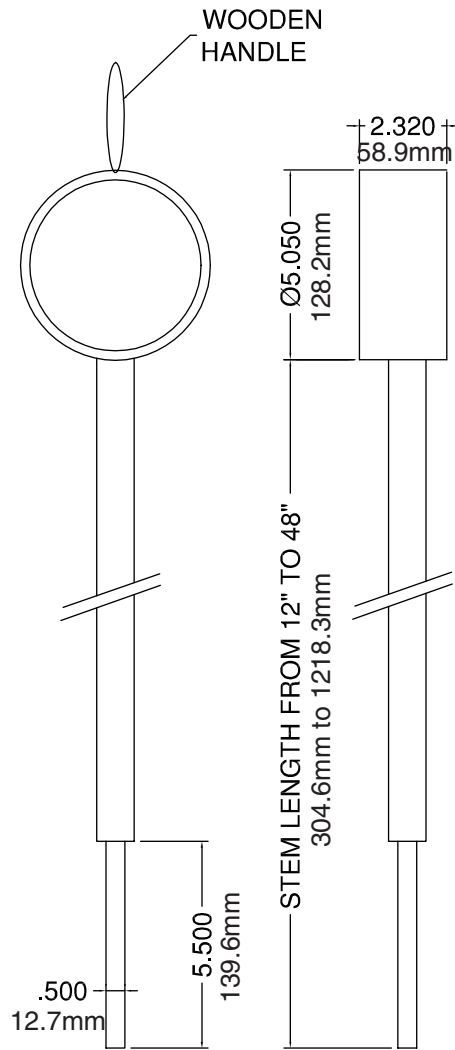
REVISION No. & DATE: (1) JAN. 27, 2004

TITLE:

INFRARED THERMOMETER WITH LASER MARK

DRAWING NO: T-INFRARED-LASER

Ambient Temperature: -40°C / 204°C (-40°F / 400°F).  
 Process Temperature: -40°C / 204°C (-40°F / 400°F).  
 Case: Aluminum, painted black.  
 Lens: Plexiglass.  
 Dial: Aluminum.  
 System: Gas actuated with heavy-duty movement.  
 Stem: 316 S/S.  
 Handle: Wooden.  
 Accuracy: ±1% of full scale.  
 Enclosure: IP65.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional: 1/64"

Decimal: 0.06"

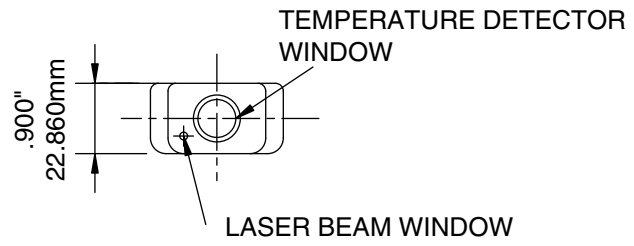
REVISION No. & DATE: APR. 16, 2002

TITLE:

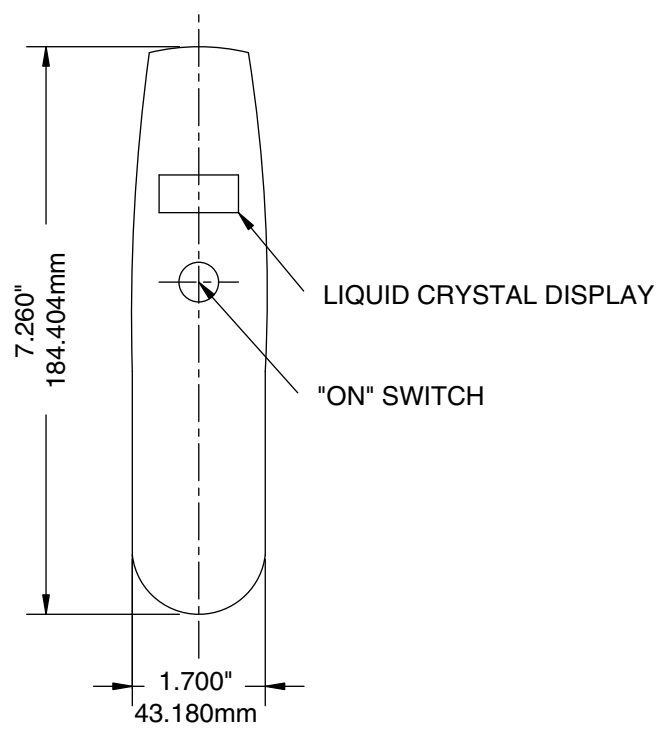
LONG STEM DIAL THERMOMETER

DRAWING NO: T-LONGSTEM

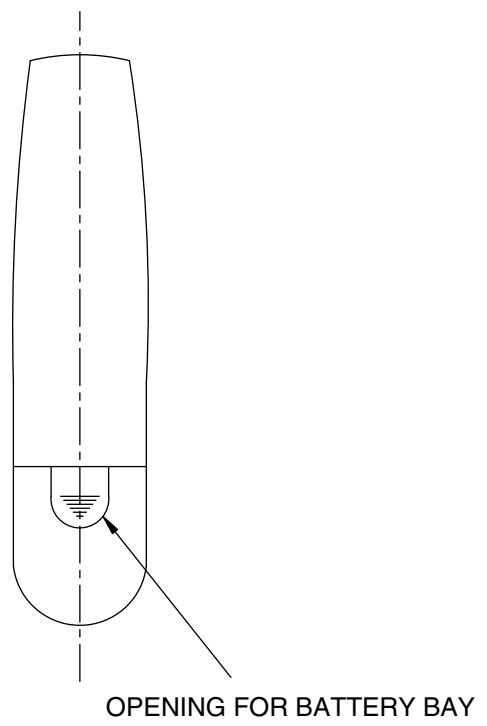
Case: Hard black plastic.  
 Accuracy:  $\pm 2\%$  of reading or  $3^\circ\text{F}/2^\circ\text{C}$ .



FRONT VIEW



TOP VIEW



BOTTOM VIEW



WINTERS INSTRUMENTS

DRAWN BY: E. H.  
 CHECKED BY:  
 ENG. APPROVAL:  
 APPROVED BY:

ALL DIMENSIONS IN INCHES

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"
Decimal:	0.06"

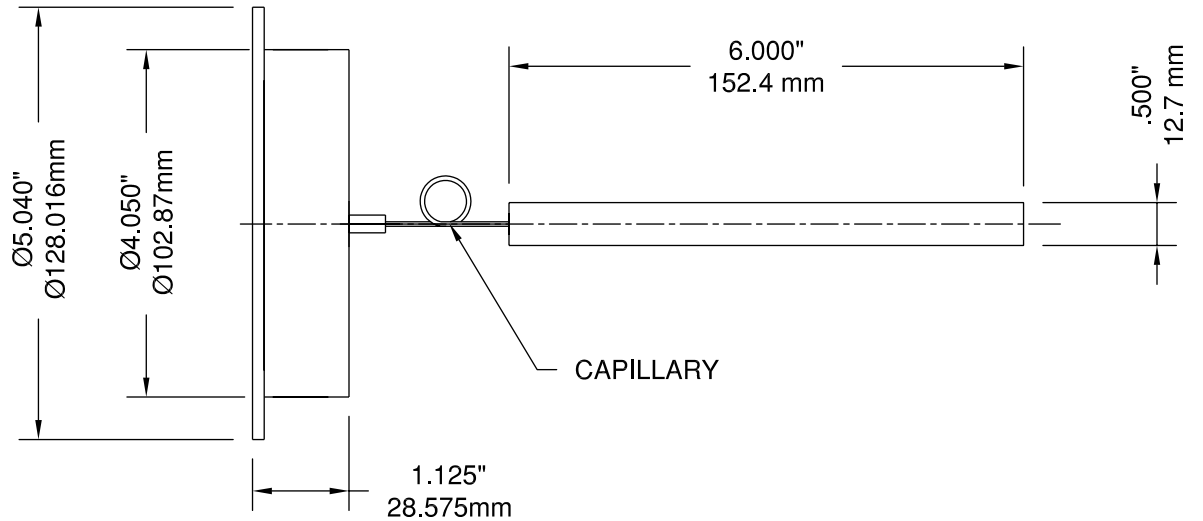
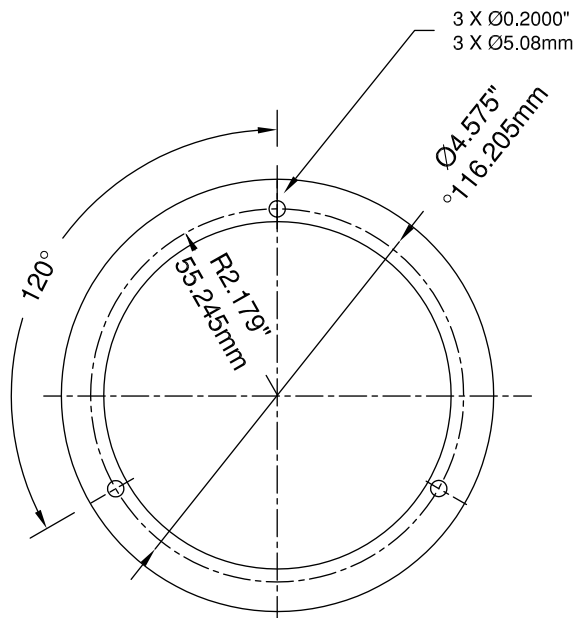
REVISION No. & DATE: APR. 21, 2002

TITLE:

NON-CONTACT THERMOMETER

DRAWING NO: T-NONCONTACT





WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

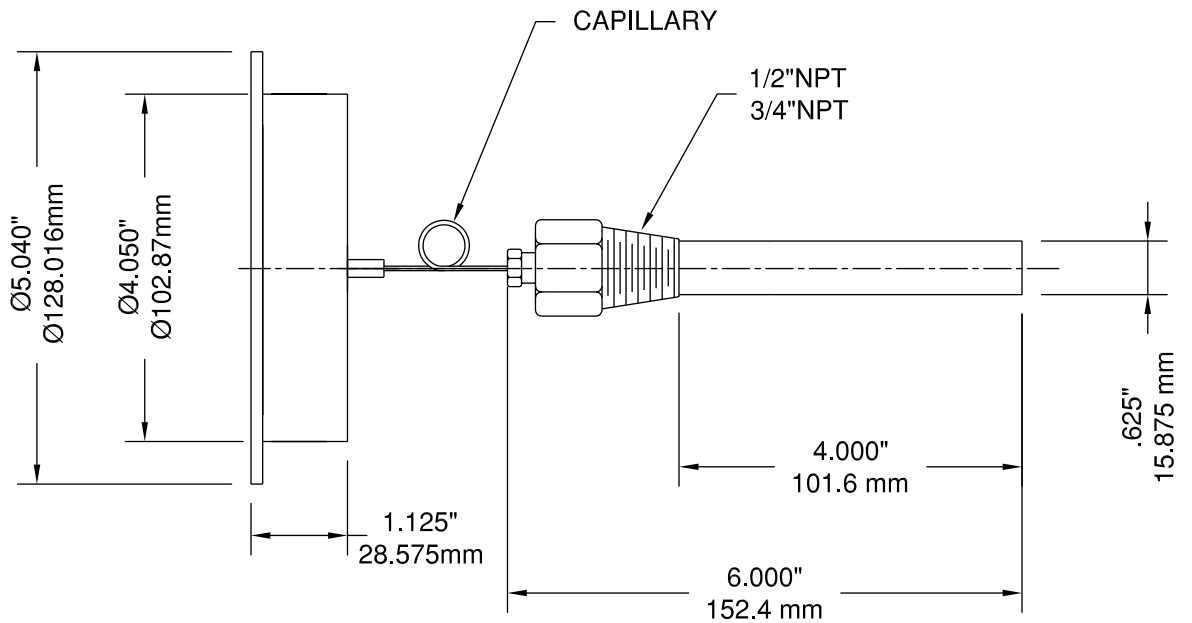
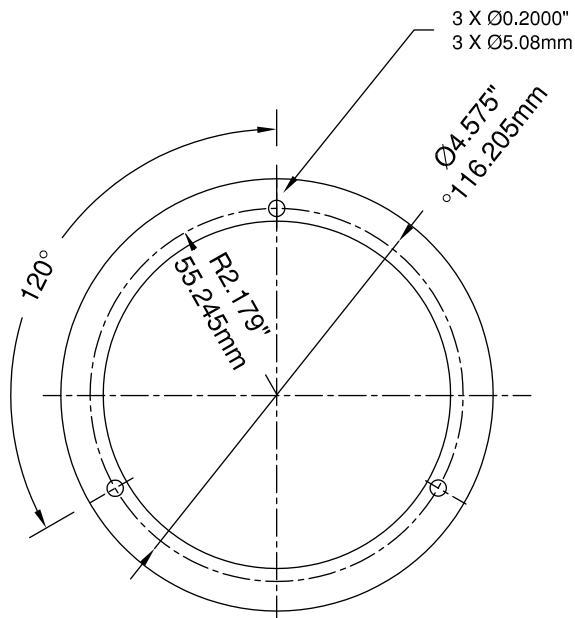
Fractional:	1/64"	.4mm
Decimal:	0.06"	1.5mm

REVISION No. & DATE: APR. 30, 2002

TITLE:

4" REMOTE READING THERMOMETER, BACK CONNECTION, FRONT FLANGE, PLAIN BULB

DRAWING NO: T-REMOTEREADING-4-BK-FF-PLAIN



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

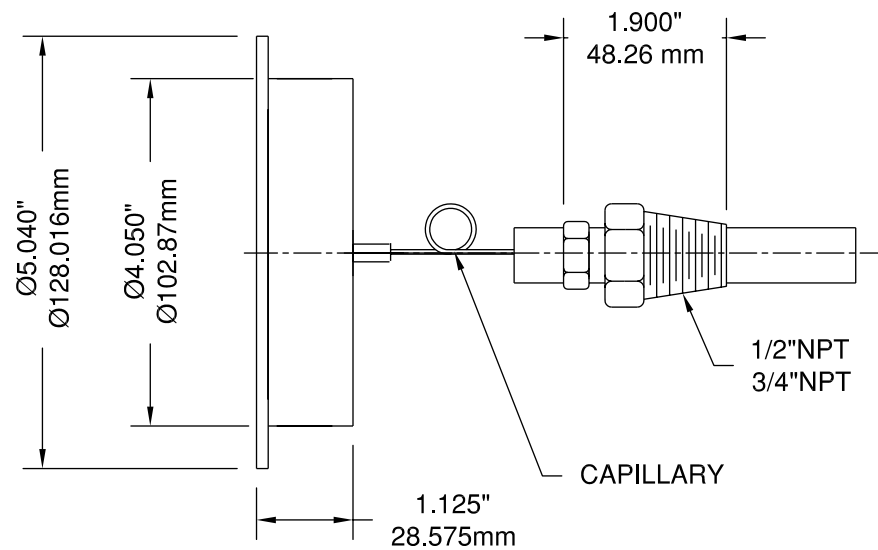
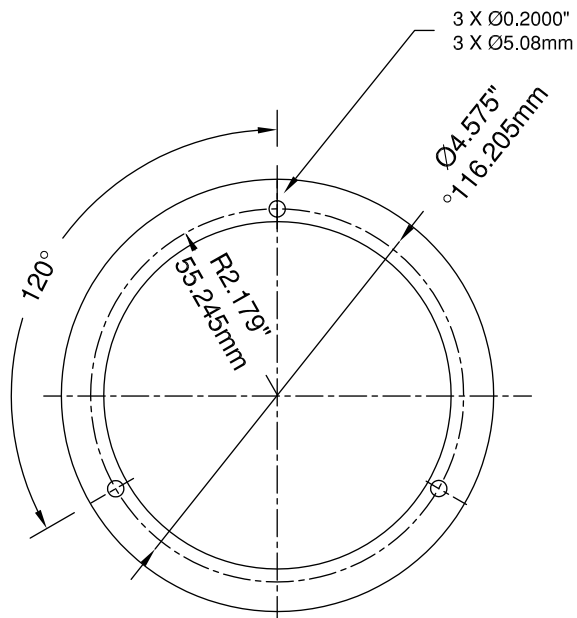
Fractional:	1/64"	.4mm
Decimal:	0.06"	1.5mm

REVISION No. & DATE: APR. 30, 2002

TITLE:

4" REMOTE READING THERMOMETER, BACK CONNECTION, FRONT FLANGE, SEPERATE

DRAWING NO: T-REMOTEREADING-4-BK-FF-SEPERATE



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

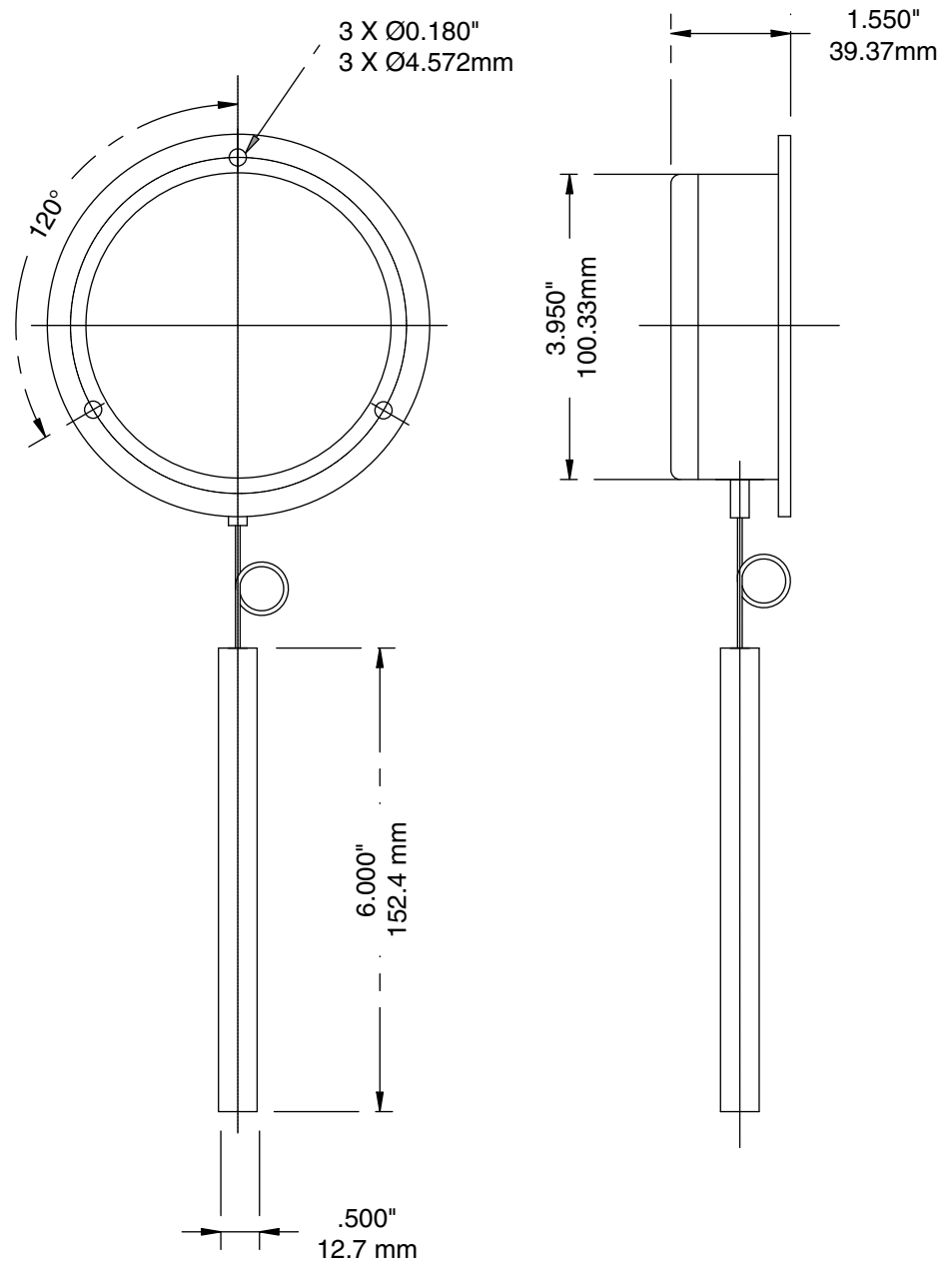
Fractional:	1/64"	.4mm
Decimal:	0.06"	1.5mm

REVISION No. & DATE: APR. 30, 2002

TITLE:

4" REMOTE READING THERMOMETER, BACK CONNECTION, FRONT FLANGE, SLIDING UNION

DRAWING NO: T-REMOTEREADING-4-BK-FF-SLIDING



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

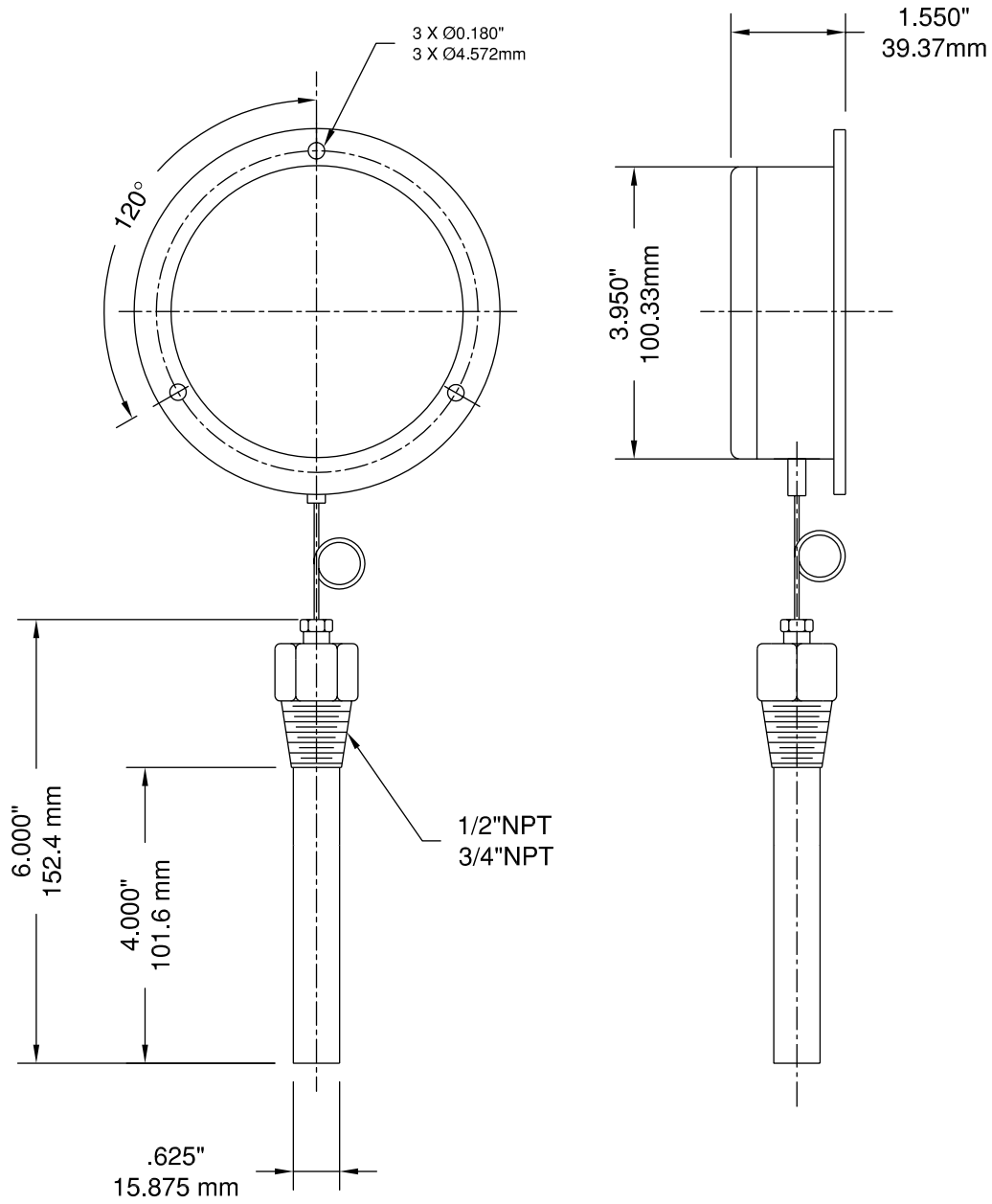
Fractional:	1/64"	.4mm
Decimal:	0.06"	1.5mm

REVISION No. & DATE: APR. 30, 2002

TITLE:

4" REMOTE READING THERMOMETER, BOTTOM CONNECTION, BACK FLANGE, PLAIN BULB

DRAWING NO: T-REMOTEREADING-4-BTM-BF-PLAIN



WINTERS INSTRUMENTS

DRAWN BY: E. H.  
 CHECKED BY:  
 ENG. APPROVAL:  
 APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

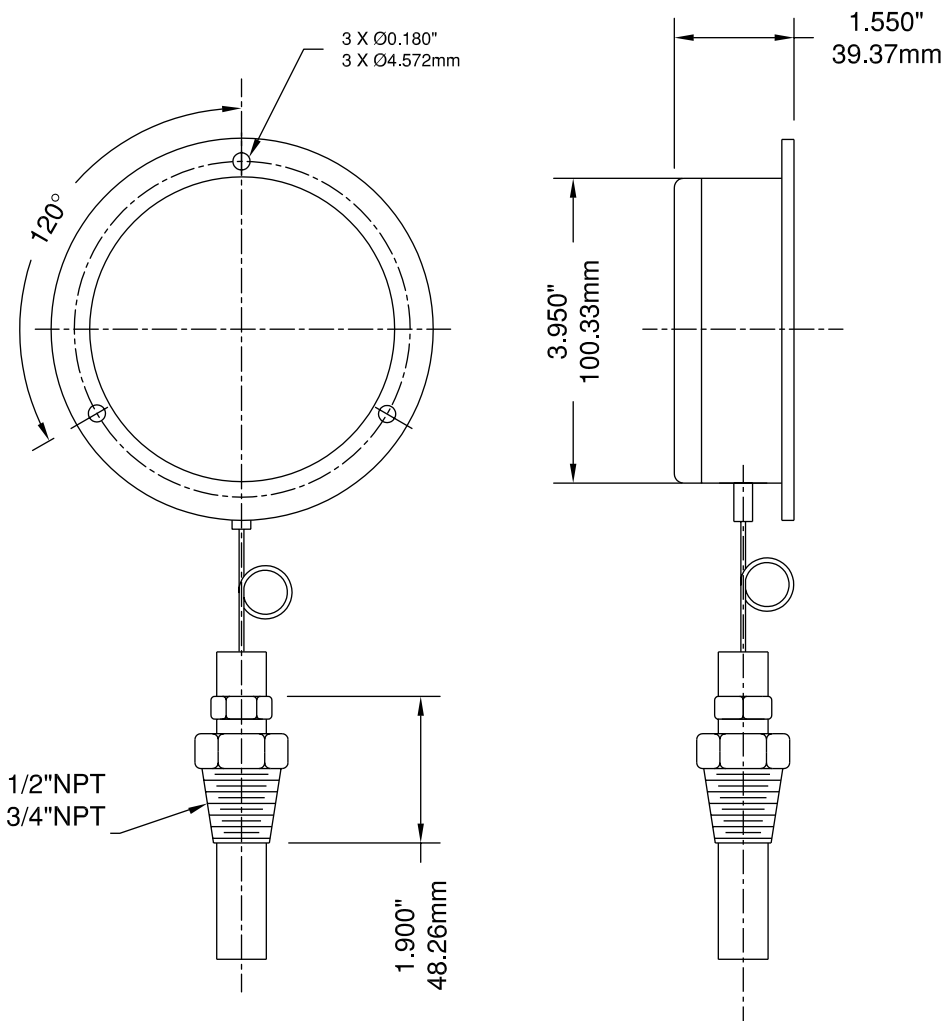
TOLERANCES (unless otherwise stated)		
Fractional:	1/64"	.4mm
Decimal:	0.06"	1.5mm

REVISION No. & DATE: APR. 30, 2002

TITLE:  
 4" REMOTE READING THERMOMETER, BOTTOM CONNECTION, BACK FLANGE, SEPARATE WELL

DRAWING NO: T-REMOTEREADING-4-BTM-BF-SEPARATE

Case: Steel, painted black.  
 Lens: Glass.  
 Dial: Aluminum.  
 Tube: Ph Bz.  
 Movement: Brass.  
 Capillary: Double braided copper, plain 316 S/S or armoured S/S.  
 Bulb: Brass or 316 S/S.  
 Welding: Silver alloy or TIG.  
 Accuracy:  $\pm 2\%$  of upper half of scale for Vapour actuated.  
 $\pm 0.5\%$  of full scale for Gas actuated.  
 Enclosure: IP50.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"	.4mm
Decimal:	0.06"	1.5mm

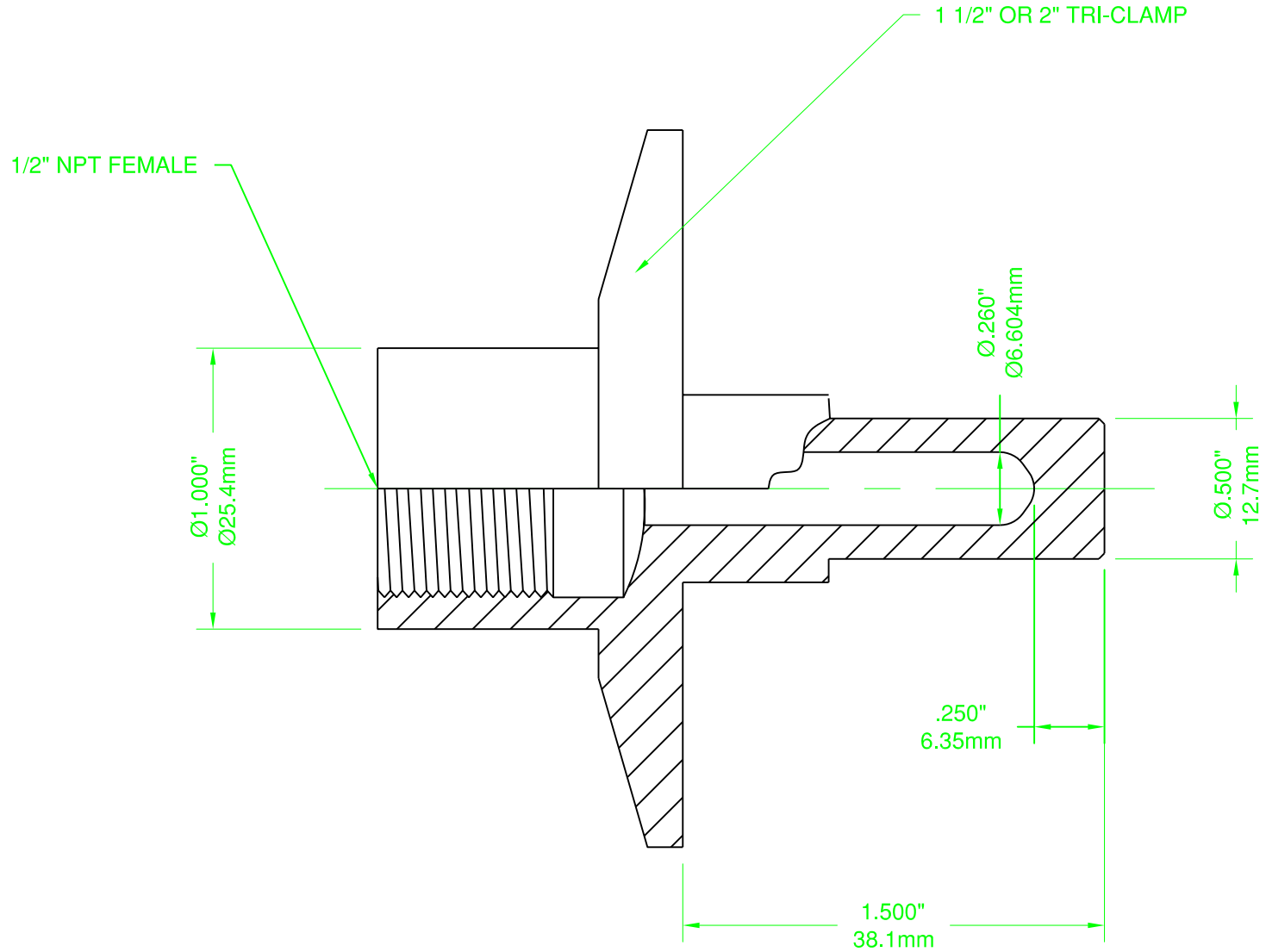
REVISION No. & DATE: APR. 30, 2002

TITLE:

4" REMOTE READING THERMOMETER, BOTTOM CONNECTION, BACK FLANGE, SLIDING UNION

DRAWING NO: T-REMOTEREADING-4-BTM-BF-SLIDING

Material: 316 S/S.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"	.4mm
Decimal:	0.06"	1.5mm

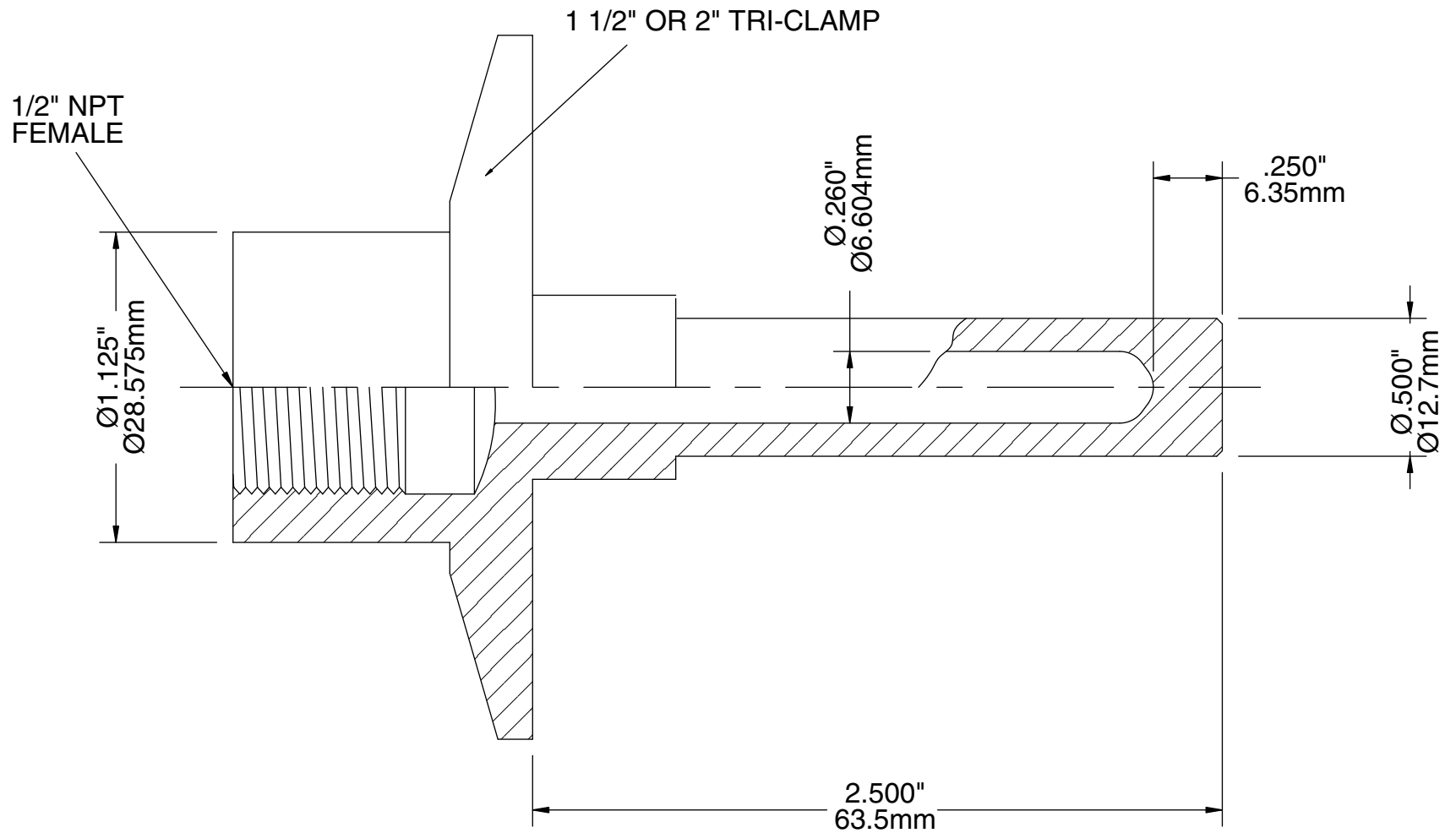
REVISION No. & DATE: MAY 05, 2002

TITLE:

**SANITARY THERMOWELL WITH 2.5"  
STEM**

DRAWING NO: T-SANI-WELL-2.5

Material: 316 S/S.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

Fractional: 1/64" .4mm

Decimal: 0.06" 1.5mm

REVISION No. & DATE: MAY 05, 2002

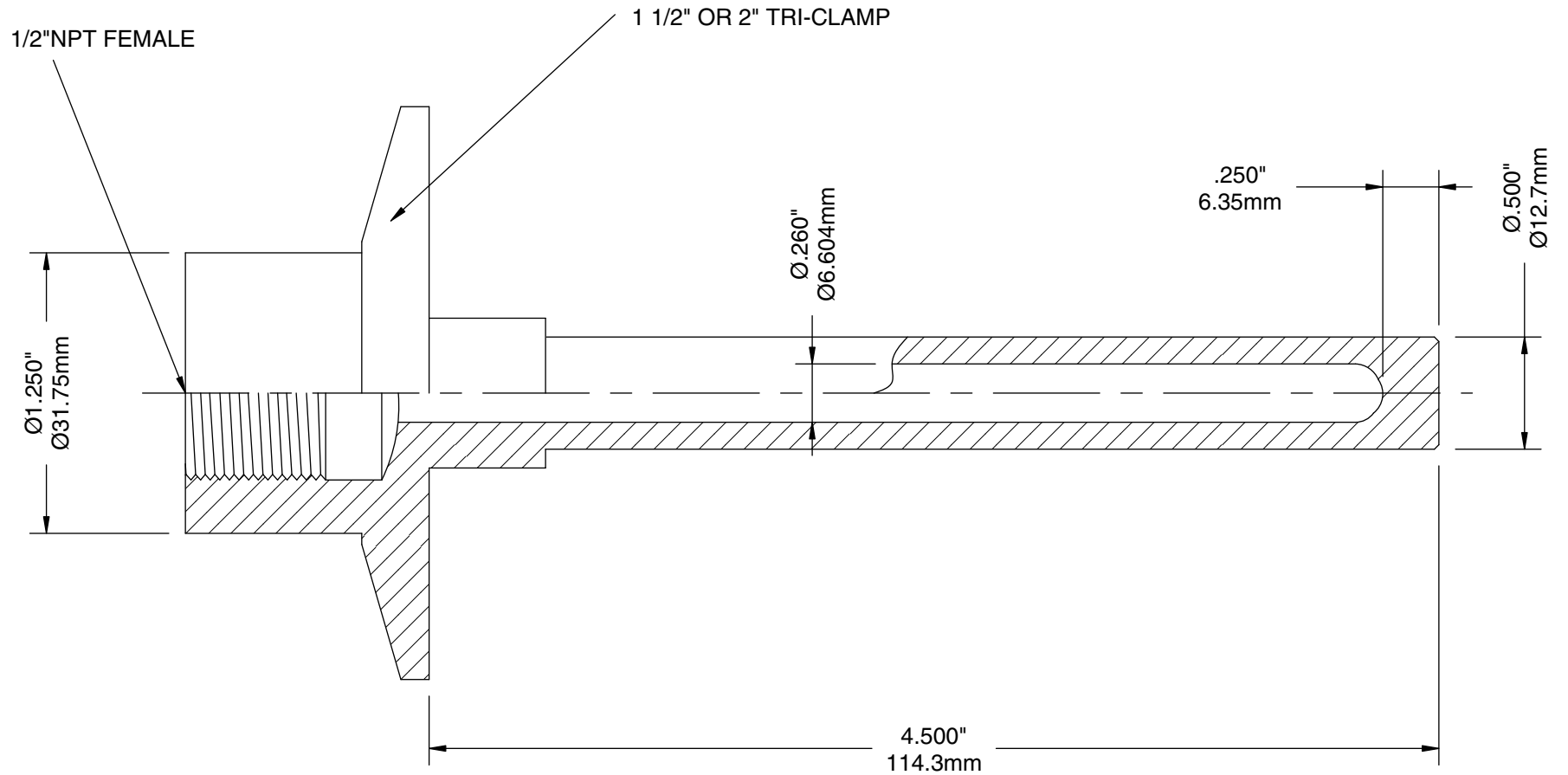
TITLE:

SANITARY THERMOWELL WITH 4" STEM

DRAWING NO: T-SANI-WELL-4



Material: 316 S/S.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"	.4mm
Decimal:	0.06"	1.5mm

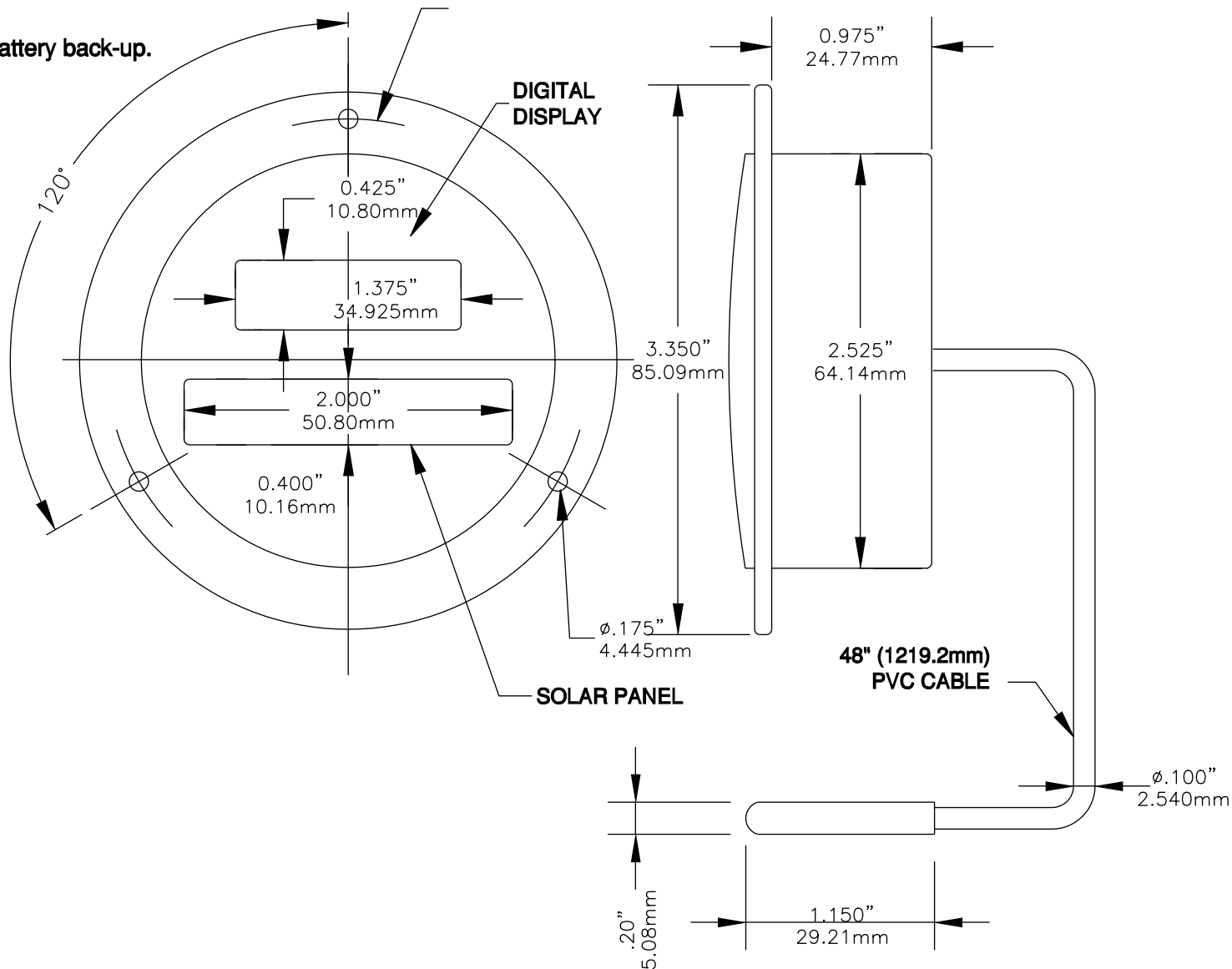
REVISION No. & DATE: MAY 05, 2002

TITLE:

SANITARY THERMOWELL WITH 6" STEM

DRAWING NO: T-SANI-WELL-6

Ambient Temperature: -10°C / 60°C (-58°F / 140°F).  
 Process Temperature: -50°C / 150°C (-58°F / 302°F).  
 Case: 304 S/S.  
 Lens: Polycarbonate.  
 Capillary: PVC.  
 Bulb: 304 S/S.  
 Power Supply: Solar Panel with lithium battery back-up.  
 Accuracy: ± 1°C / 2°F.  
 Enclosure: IP50.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

Fractional: 1/64" .4mm

Decimal: 0.06" 1.5mm

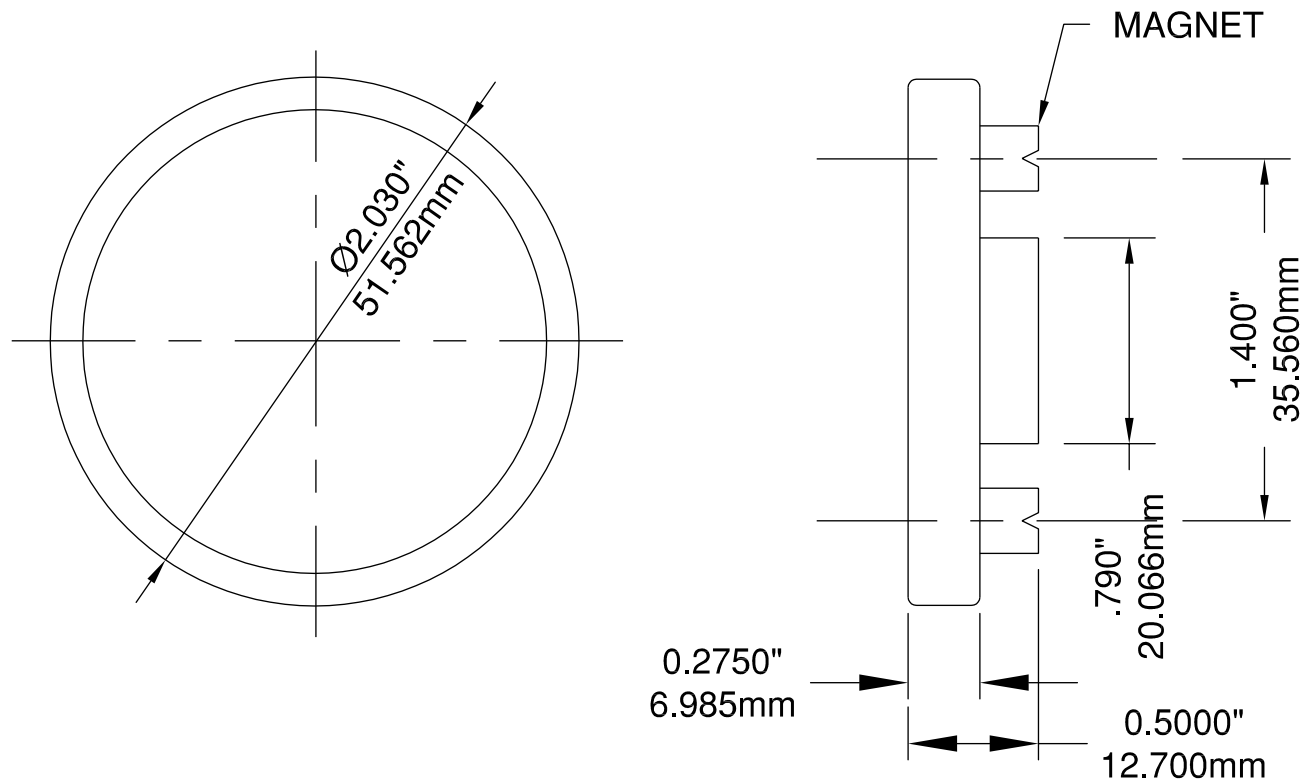
REVISION No. & DATE: APR. 16, 2002

TITLE:

2.5" SOLAR DIGITAL THERMOMETER WITH  
STANDARD FRONT FLANGE

DRAWING NO: T-SOLARDIGITAL-2.5-FF

Ambient Temperature: -15°C / 400°C (5°F / 750°F).  
 Process Temperature: -15°C / 400°C (5°F / 750°F).  
 Case: Steel, painted black.  
 Lens: Glass.  
 Dial: Aluminum.  
 Movement: Bi-metallic coil.  
 Accuracy: ± 2% of full scale.  
 Enclosure: IP52.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

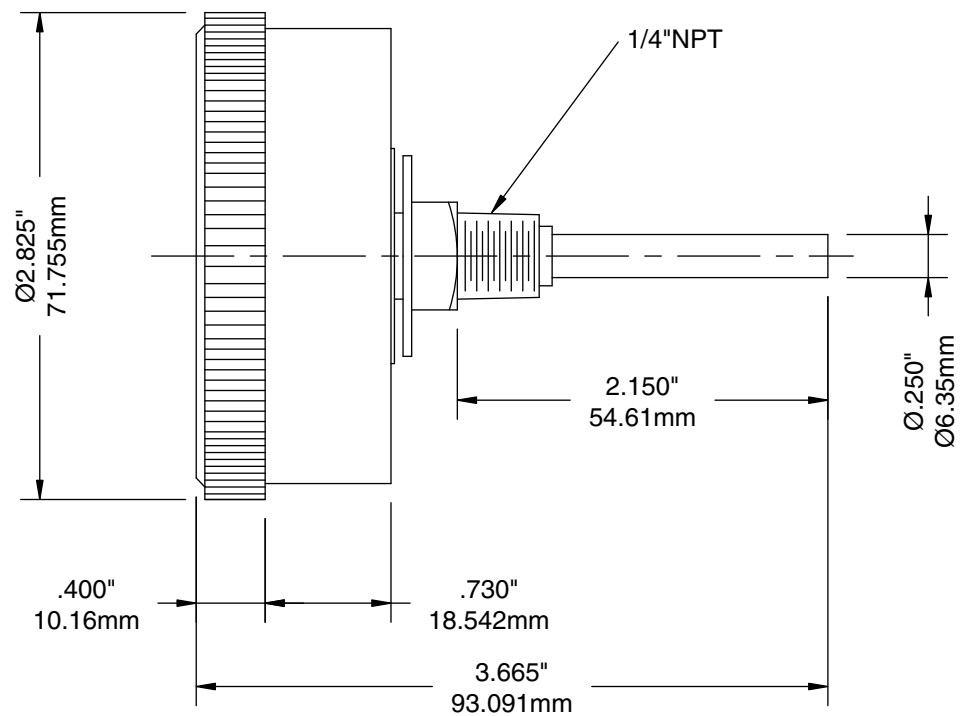
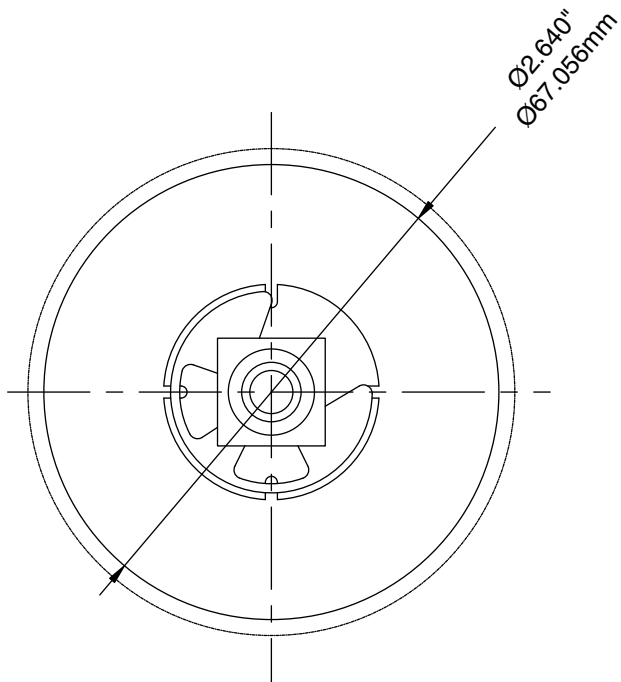
Fractional:	1/64" .4mm
Decimal:	0.06" 1.5mm

REVISION No. & DATE: APR. 16, 2002

TITLE:

SURFACE MAGNET THERMOMETER

DRAWING NO: T-SURFACE



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN / MM

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"	.4mm
Decimal:	0.06"	1.5 mm

REVISION No. & DATE: MAY. 01, 2002

TITLE:

2.5" TRIDICATOR, BACK CONNECTION

DRAWING NO: T-TRI-2.5-BK

Ambient Temperature: -5°C / 50°C (23°F / 122°F).

Case: Black steel.

Bezel: Polished S/S.

Lens: Glass.

Dial: Aluminum.

Tube: Ph Bz.

Movement: Brass.

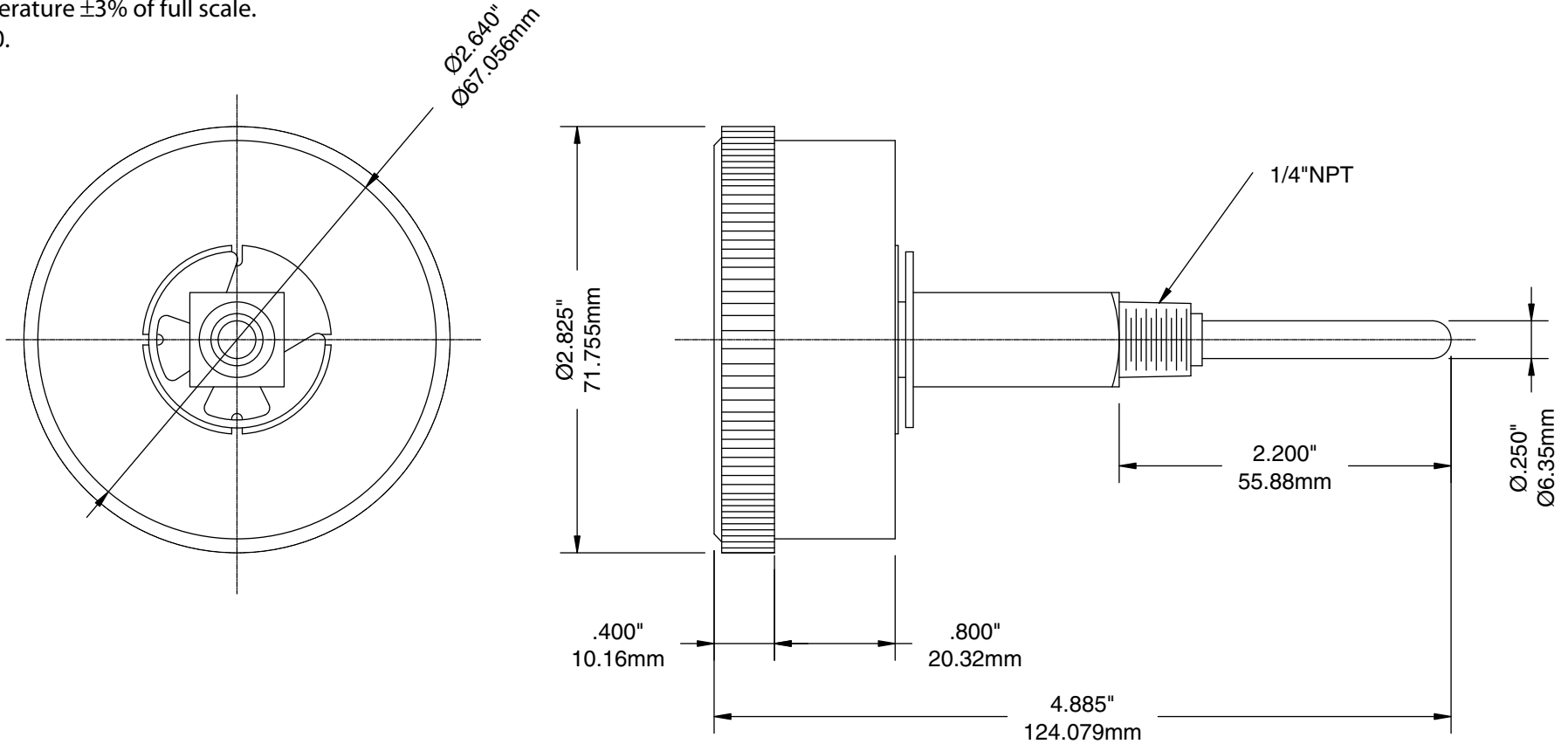
Socket: Brass.

Welding: Silver alloy.

Accuracy: Pressure ±3%-2%-3% of full scale.

Temperature ±3% of full scale.

Enclosure: IP50.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN / MM

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"	.4mm
Decimal:	0.06"	1.5 mm

REVISION No. & DATE: MAY. 01, 2002

TITLE:

2.5" TRIDICATOR,  
EXTENSION BACK CONNECTION

DRAWING NO: T-TRI-2.5-EBK

Ambient Temperature: -5°C / 50°C (23°F / 122°F).

Case: Steel, painted black.

Bezel: Polished S/S.

Lens: Glass.

Dial: Aluminum.

Tube: Ph Bz.

Movement: Brass.

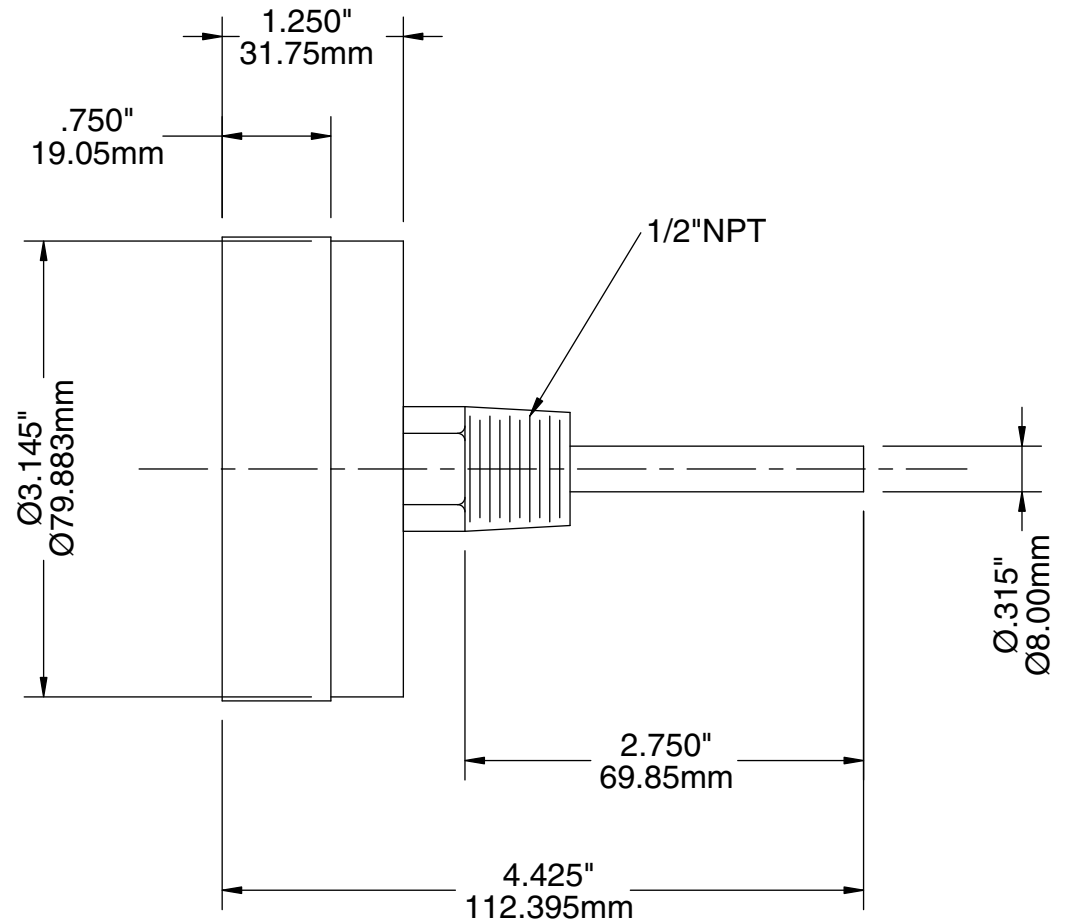
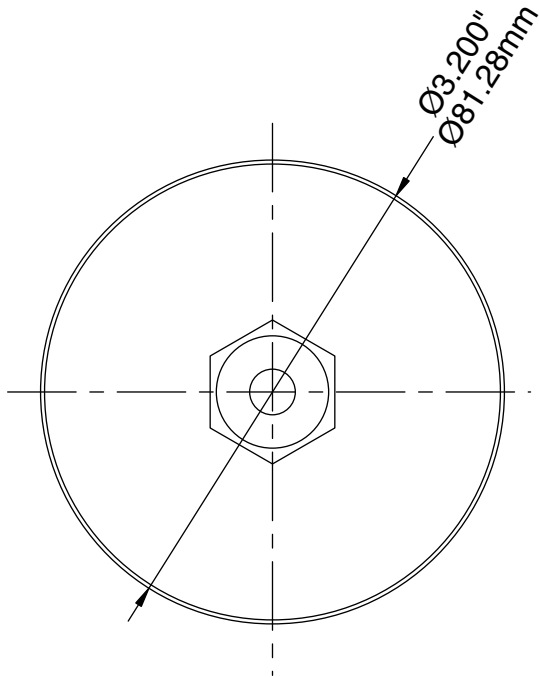
Socket: Brass.

Welding: Silver alloy.

Accuracy: Pressure ±3%-2%-3% of full scale.

Temperature ±3% of full scale.

Enclosure: IP50.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN / MM

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"	.4mm
Decimal:	0.06"	1.5 mm

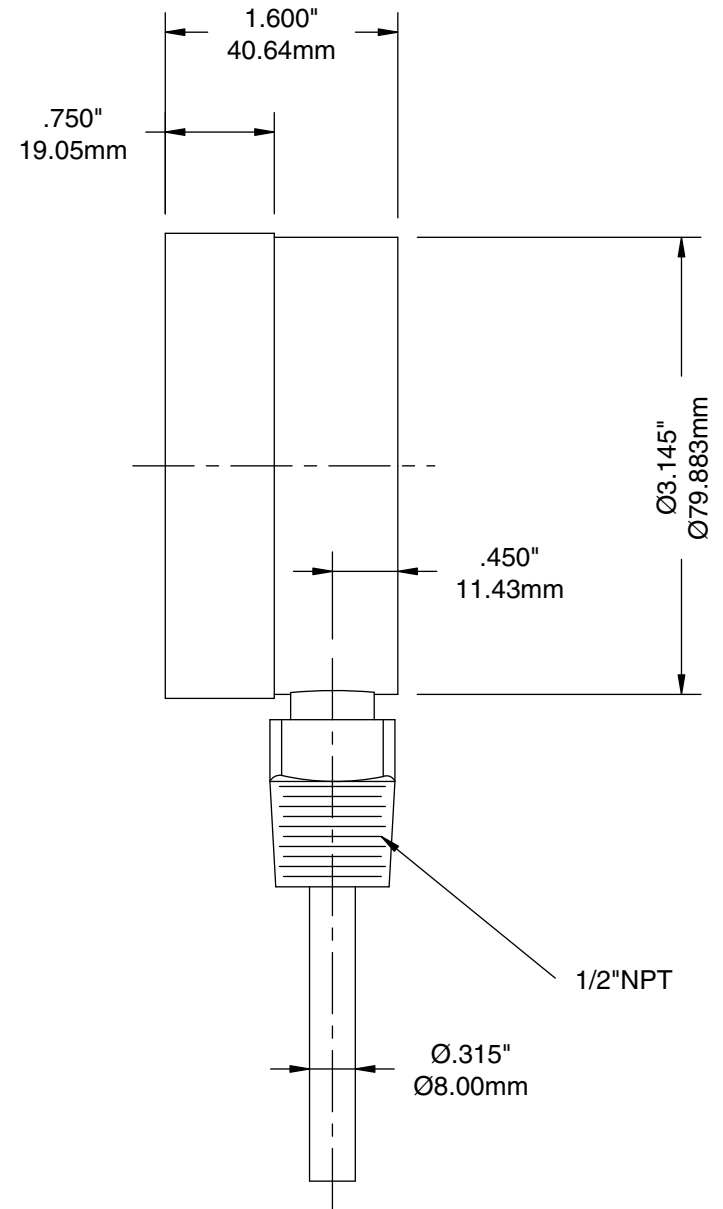
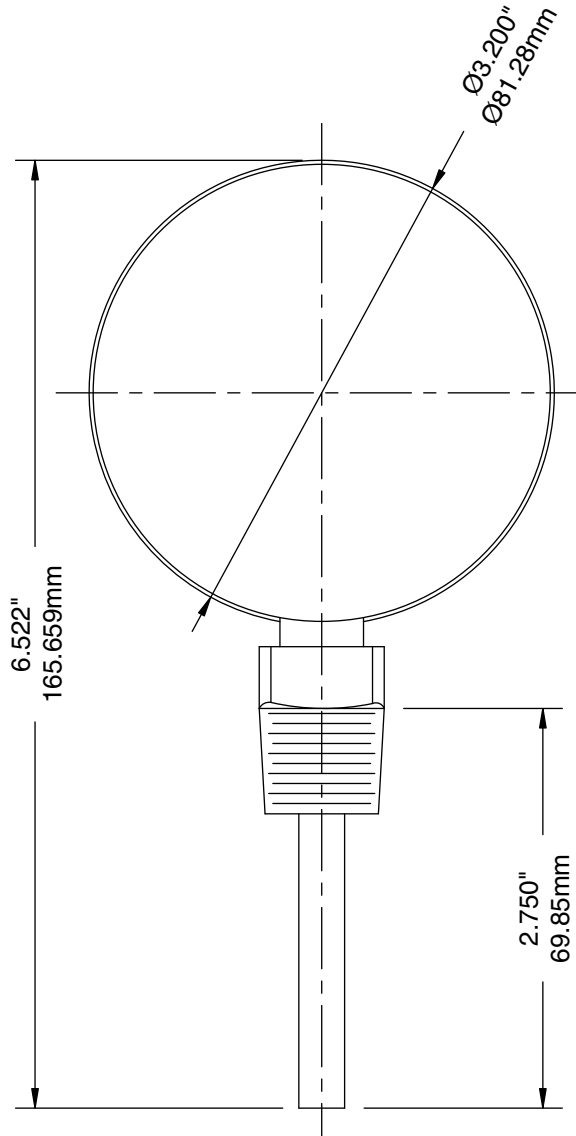
REVISION No. & DATE: MAY. 01, 2002

TITLE:

3" TRIDICATOR, BACK CONNECTION

DRAWING NO: T-TRI-3-BK

Ambient Temperature: -5°C / 50°C (23°F / 122°F).  
 Case: Steel, painted black.  
 Bezel: Polished S/S.  
 Lens: Glass.  
 Dial: Aluminum.  
 Tube: Ph Bz.  
 Movement: Brass.  
 Socket: Brass.  
 Welding: Silver alloy.  
 Accuracy: Pressure ±3%-2%-3% of full scale.  
           Temperature ±3% of full scale.  
 Enclosure: IP50.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN / MM

TOLERANCES  
(unless otherwise stated)

Fractional:	$1/64''$	.4mm
Decimal:	0.06"	1.5 mm

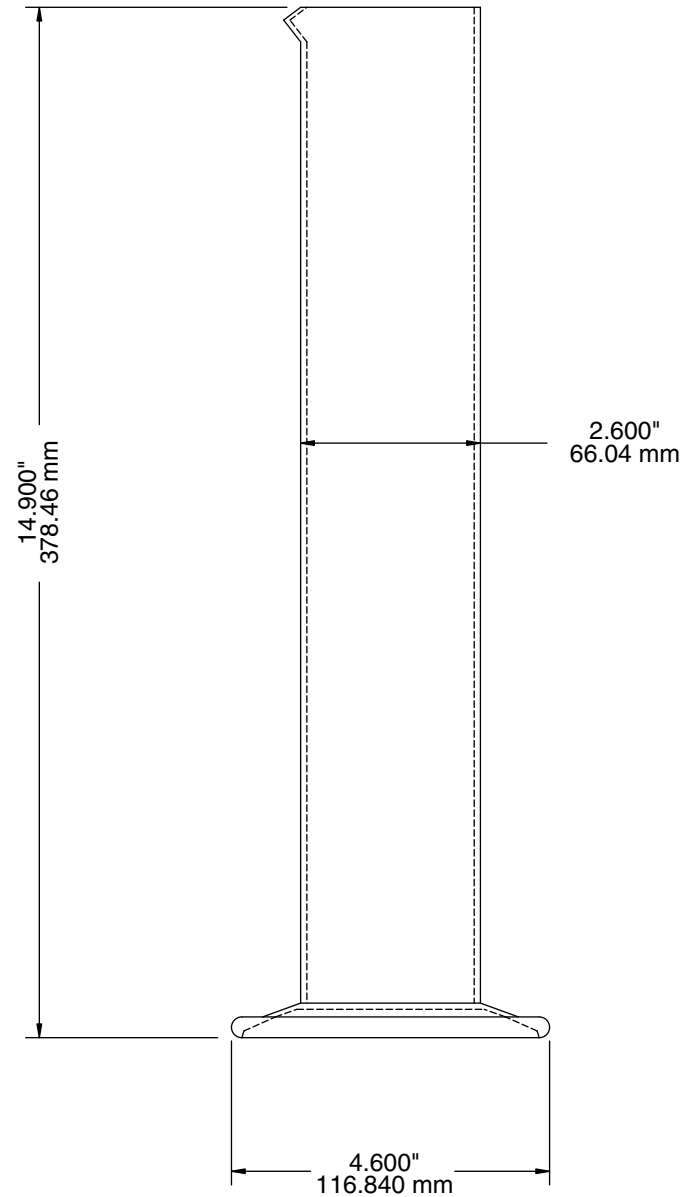
REVISION No. & DATE: MAY. 01, 2002

TITLE:

3" TRIDICATOR, BOTTOM CONNECTION

DRAWING NO: T-TRI-3-BTM

Material: Soda



WINTERS INSTRUMENTS

DRAWN BY: E.H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MILLIMETER:

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"	.4 mm
Decimal:	0.06"	1.5 mm

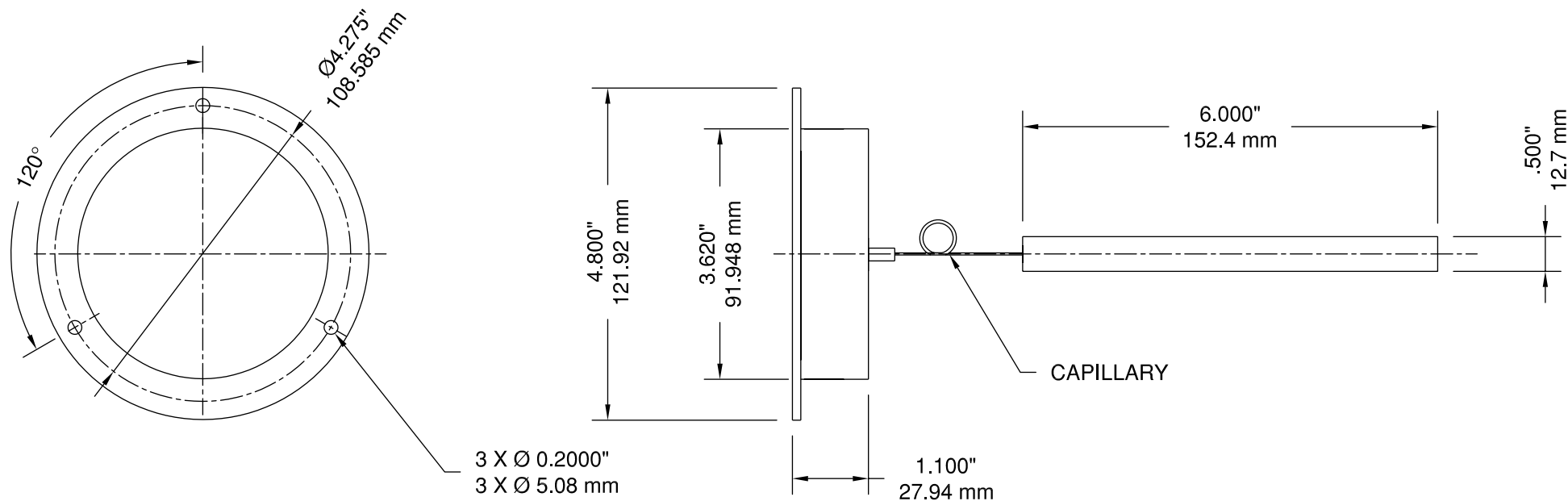
ALCOHOL TRIAL JAR

REVISION No. & DATE: APR. 30, 2002

DRAWING NO: T-TRIALJAR



Case: Steel, painted black.  
 Lens: Glass.  
 Dial: Aluminum.  
 Tube: Ph Bz.  
 Movement: Brass.  
 Capillary: Double braided copper, plain 316 S/S or armoured S/S.  
 Bulb: Brass or 316 S/S.  
 Welding: Silver alloy or TIG.  
 Accuracy:  $\pm 2\%$  of upper half of scale for Vapour actuated.  
 Enclosure: IP50.



**WINTERS**



1953

WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"	.4 mm
Decimal:	0.06"	1.5mm

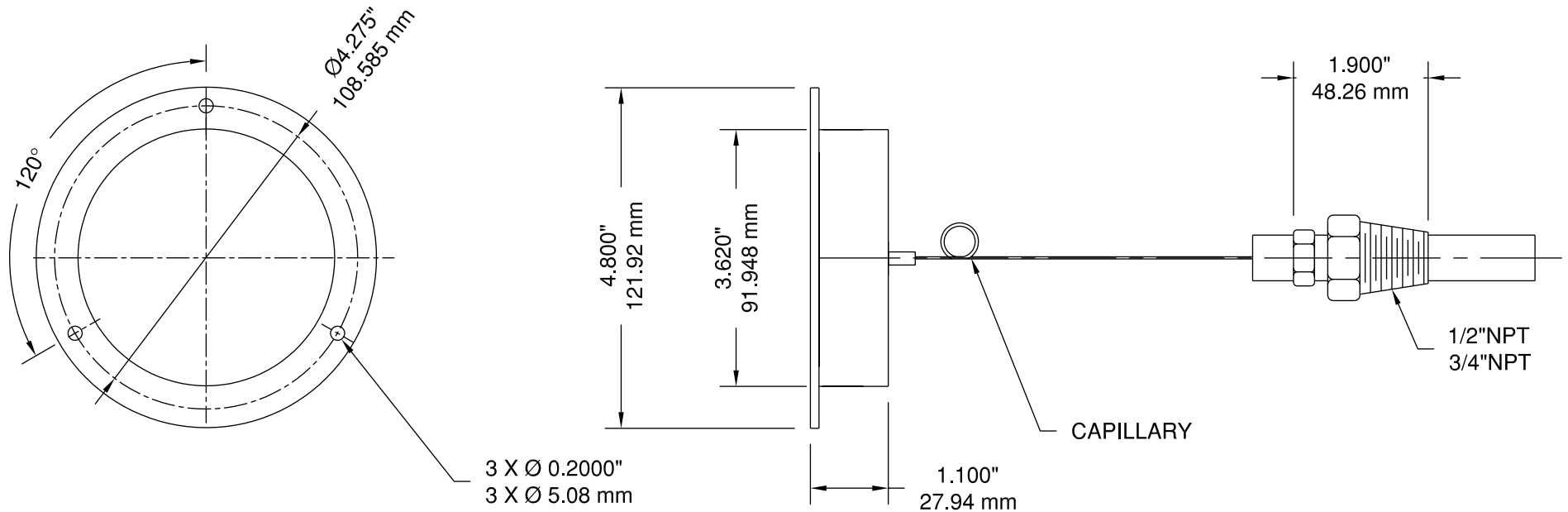
REVISION No. & DATE: APR. 30. 2002

TITLE:

3.5" VAPOUR REMOTE READING THERMOMETER, BACK CONNECTION, FRONT FLANGE, PLAIN BRASS BULB

DRAWING NO: T-VAPOUR-REMOTEREADING-3.5-BK-FF-PLAIN

Case: Steel, painted black.  
 Lens: Glass.  
 Dial: Aluminum.  
 Tube: Ph Bz.  
 Movement: Brass.  
 Capillary: Double braided copper, plain 316 S/S or armoured S/S.  
 Bulb: Brass or 316 S/S.  
 Welding: Silver alloy or TIG.  
 Accuracy:  $\pm 2\%$  of upper half of scale for Vapour actuated.  
 Enclosure: IP50.



WINTERS INSTRUMENTS

DRAWN BY: E. H.

CHECKED BY:

ENG. APPROVAL:

APPROVED BY:

ALL DIMENSIONS IN INCHES / MM

TOLERANCES  
(unless otherwise stated)

Fractional:	1/64"	.4 mm
Decimal:	0.06"	1.5mm

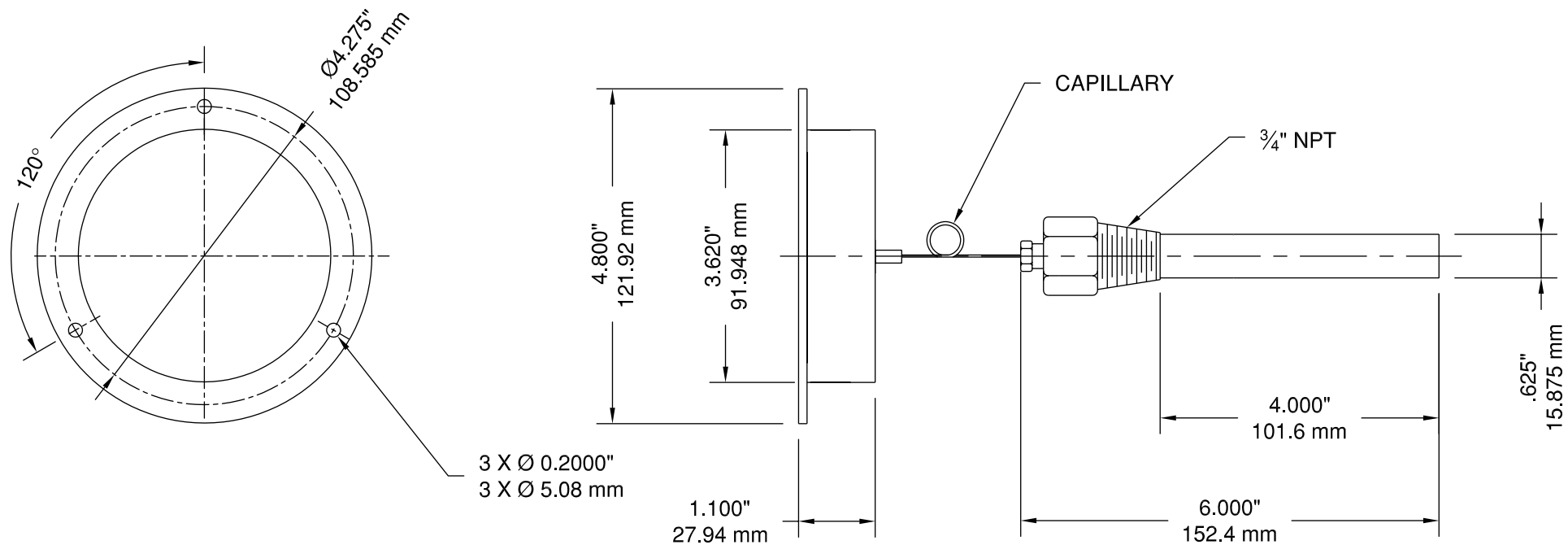
REVISION No. & DATE: APR. 30, 2002

TITLE:

3.5" VAPOUR REMOTE READING THERMOMETER, BACK CONNECTION, FRONT FLANGE, SLIDING UNION

DRAWING NO: T-VAPOUR-REMOTEREADING-3.5-BK-FF-UNION

Case: Steel, painted black.  
 Lens: Glass.  
 Dial: Aluminum.  
 Tube: Ph Bz.  
 Movement: Brass.  
 Capillary: Double braided copper, plain 316 S/S or armoured S/S.  
 Bulb: Brass or 316 S/S.  
 Well: Brass or 316 S/S.  
 Welding: Silver alloy or TIG.  
 Accuracy:  $\pm 2\%$  of upper half of scale for Vapour actuated.  
 Enclosure: IP50.



DRAWN BY: E. H.  
 CHECKED BY:  
 ENG. APPROVAL:  
 APPROVED BY:

ALL DIMENSIONS IN INCHES / MM  
 TOLERANCES  
 (unless otherwise stated)  
 Fractional: 1/64" .4 mm  
 Decimal: 0.06" 1.5mm  
 REVISION No. & DATE: APR. 30, 2002

TITLE:  
 3.5" VAPOUR REMOTE READING THERMOMETER, BACK CONNECTION, FRONT FLANGE WITH OPTIONAL WELL  
 DRAWING NO: T-VAPOUR-REMOTEREADING-3.5-BK-FF-WELL