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REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED

9.625

8.625

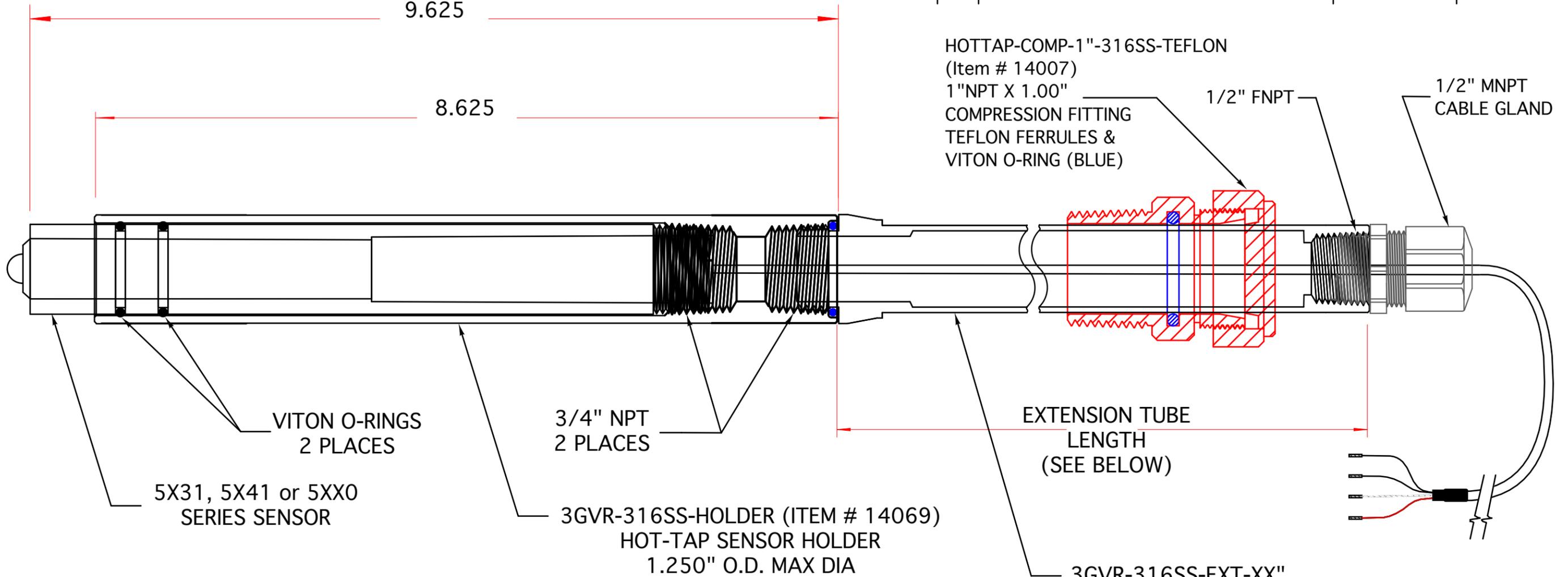
HOTTAP-COMP-1"-316SS-TEFLON
 (Item # 14007)
 1"NPT X 1.00"
 COMPRESSION FITTING
 TEFLON FERRULES &
 VITON O-RING (BLUE)

1/2" FNPT

1/2" MNPT
CABLE GLAND

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VITON O-RINGS
2 PLACES

5X31, 5X41 or 5XX0
SERIES SENSOR

3/4" NPT
2 PLACES

3GVR-316SS-HOLDER (ITEM # 14069)
 HOT-TAP SENSOR HOLDER
 1.250" O.D. MAX DIA

EXTENSION TUBE
 LENGTH
 (SEE BELOW)

3GVR-316SS-EXT-XX"
 HOT-TAP EXTENSION TUBE
 12, 36, 48 or 60 INCHES
 1.000" O.D. DIA

NOTES

1. All dimensions are in inches, unless otherwise indicated
2. Material of construction is 316L Stainless Steel, others available upon request (as special orders)
3. O-ring material of construction is Viton-75, others upon request
4. Only use with ASTI 5X31, 5X41 & 5XX0 series sensors. See procedures for proper insertion of sensor into holder.
5. Max pressure 100 psig, max temp 150 deg Celsius. Do not use any sensor beyond specified limits.
6. Suitable for compression fitting only or HOT-TAP use.
7. Minimum process interface size is 1.5" NPT or equivalent

TOLERANCES	
1 Place: ± .1	3 Places: ± .005
2 Places: ± .01	4 Places: ± .0005
Angular: ± 0.25°	

DRAWN BY
RH

CHECKED BY
TADP

APPROVED BY
MJP

ASTI *Advanced Sensor Technologies, Inc.*
 Orange, California USA
 Toll-Free: 888-969-2784

TITLE
HOT-TAP Holder w/ Extension Tube Cross Section

SIZE B	PROJECT SAN / VR	DRAWING NO. HOLDER-TUBE-X-VIEW	REV /
SCALE Not to Scale	MODEL Various	SHEET 1 OF 1	

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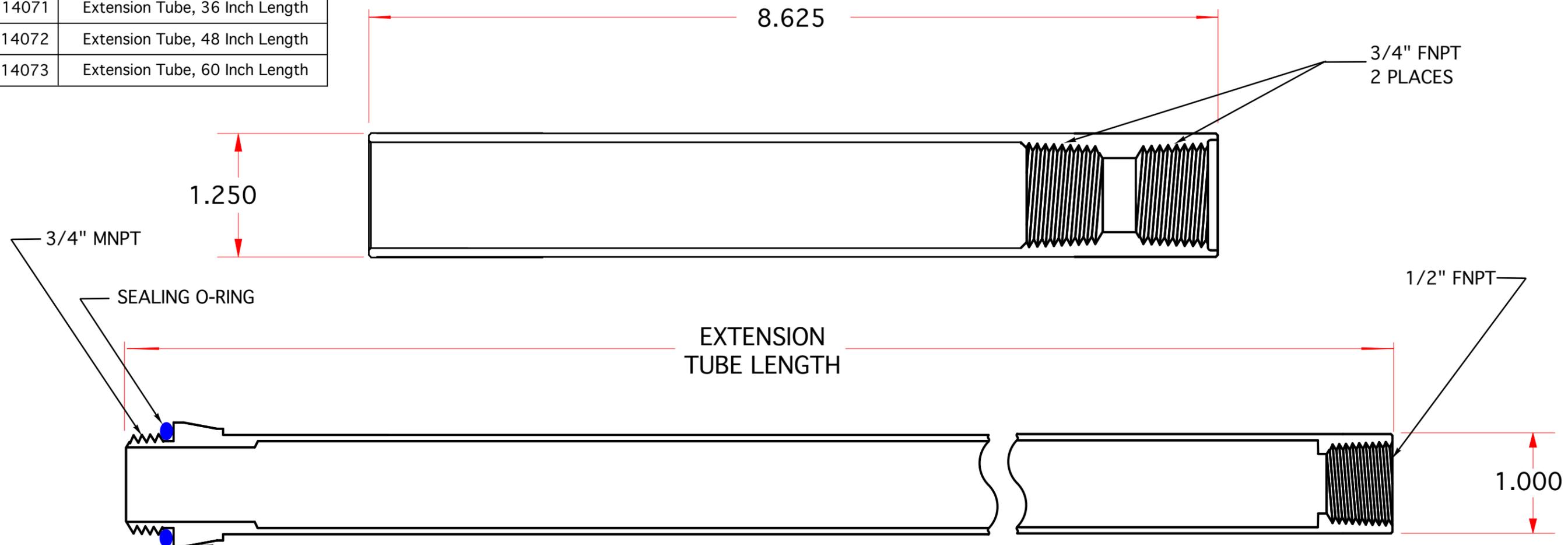
REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED

EXTENSION TUBE LENGTH OPTIONS	
14070	Extension Tube, 12 Inch Length
14071	Extension Tube, 36 Inch Length
14072	Extension Tube, 48 Inch Length
14073	Extension Tube, 60 Inch Length

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NOTES

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- All dimensions are in inches, unless otherwise indicated
- Material of construction is 316L Stainless Steel, others available upon request (as special orders)
- Only use with ASTI 5X31, 5X41 & 5XX0 series sensors. See procedures for proper insertion of sensor into holder.
- 3GVR-316SS-HOLDER sensor holder for HOT-TAP valve retractable installations is shown on top (Item # 14069)
- Extension tube part number is 3GVR-316SS-EXT-XX" where XX is the desired length in inches of the tube

1.25"X1.00" STEP FOR BLOWOUT PROTECTION

TOLERANCES	
1 Place: ± .1	3 Places: ± .005
2 Places: ± .01	4 Places: ± .0005
Angular: ± 0.25°	

DRAWN BY

RH

CHECKED BY

TADP

APPROVED BY

MJP



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Orange, California USA
Toll-Free: 888-969-2784

TITLE
HOT-TAP Holder w/ Extension Tube Cross Section

SIZE	PROJECT	DRAWING NO.	REV
B	SAN / VR	HOLDER-TUBE-X-View	/
SCALE	Not to Scale	MODEL	Various
SHEET	1	OF	1

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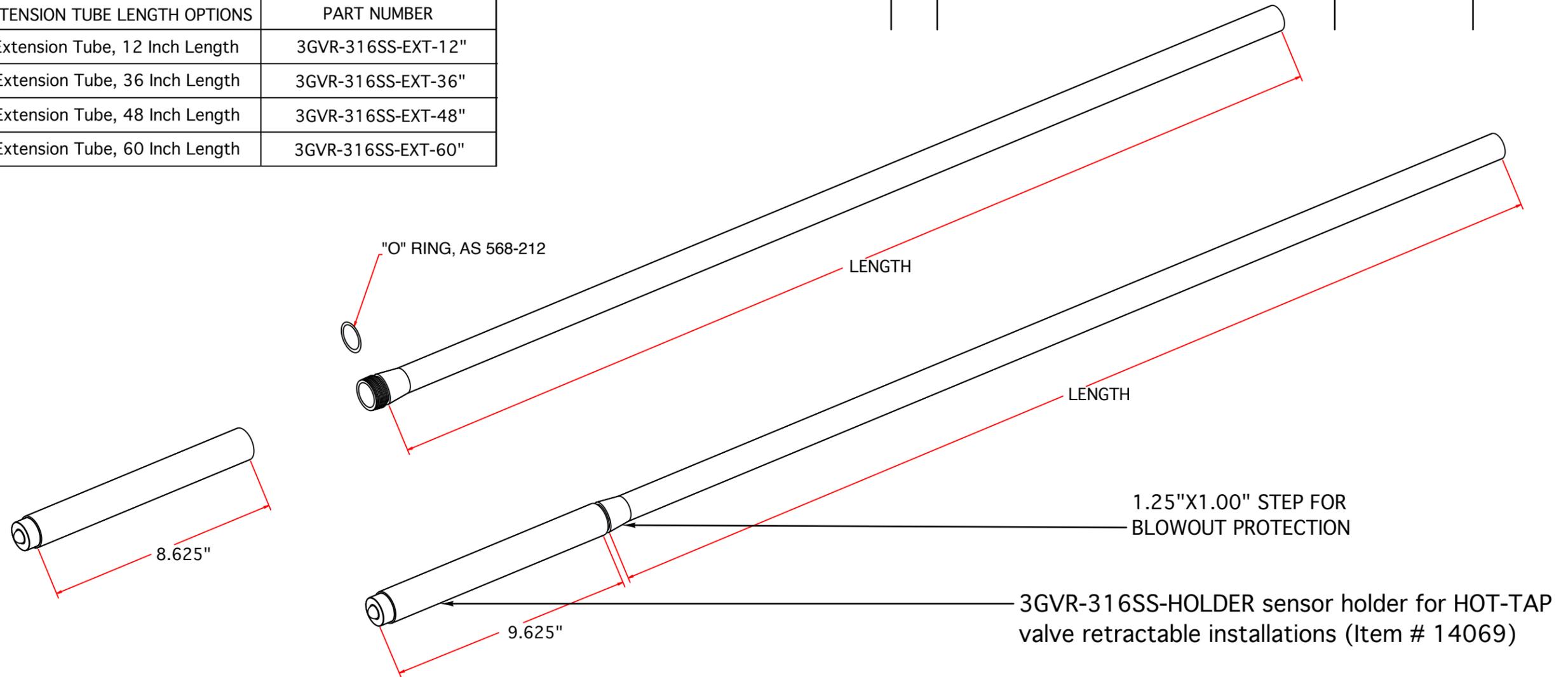
REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED

ITEM #	EXTENSION TUBE LENGTH OPTIONS	PART NUMBER
14070	Extension Tube, 12 Inch Length	3GVR-316SS-EXT-12"
14071	Extension Tube, 36 Inch Length	3GVR-316SS-EXT-36"
14072	Extension Tube, 48 Inch Length	3GVR-316SS-EXT-48"
14073	Extension Tube, 60 Inch Length	3GVR-316SS-EXT-60"

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NOTES

1. All dimensions are in inches, unless otherwise indicated
2. Material of construction is 316L Stainless Steel, others available upon request (as special orders)
3. O-ring material of construction is Viton-75, others upon request
4. Only use with ASTI 5X31, 5X41 & 5XX0 series sensors.
See procedures for proper insertion of sensor into holder.
5. Max pressure 100 psig, max temp 150 deg Celsius.
Do not use any sensor beyond specified limits.
6. HOT-TAP ball valve retractable assy must be installed at an angle as shown (Min 15 degrees below horizontal)

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Advanced Sensor Technologies, Inc.
Orange, California USA
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TOLERANCES	
1 Place: ± .1	3 Places: ± .005
2 Places: ± .01	4 Places: ± .0005
Angular: ± 0.25°	

DRAWN BY RH
CHECKED BY TADP
APPROVED BY MJP

TITLE HOT-TAP Holder with Extension Tube - Isometric			
SIZE B	PROJECT SAN / VR	DRAWING NO. HOLDER-TUBE-ISO	REV /
SCALE Not to Scale	MODEL Various	SHEET 1	OF 1

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