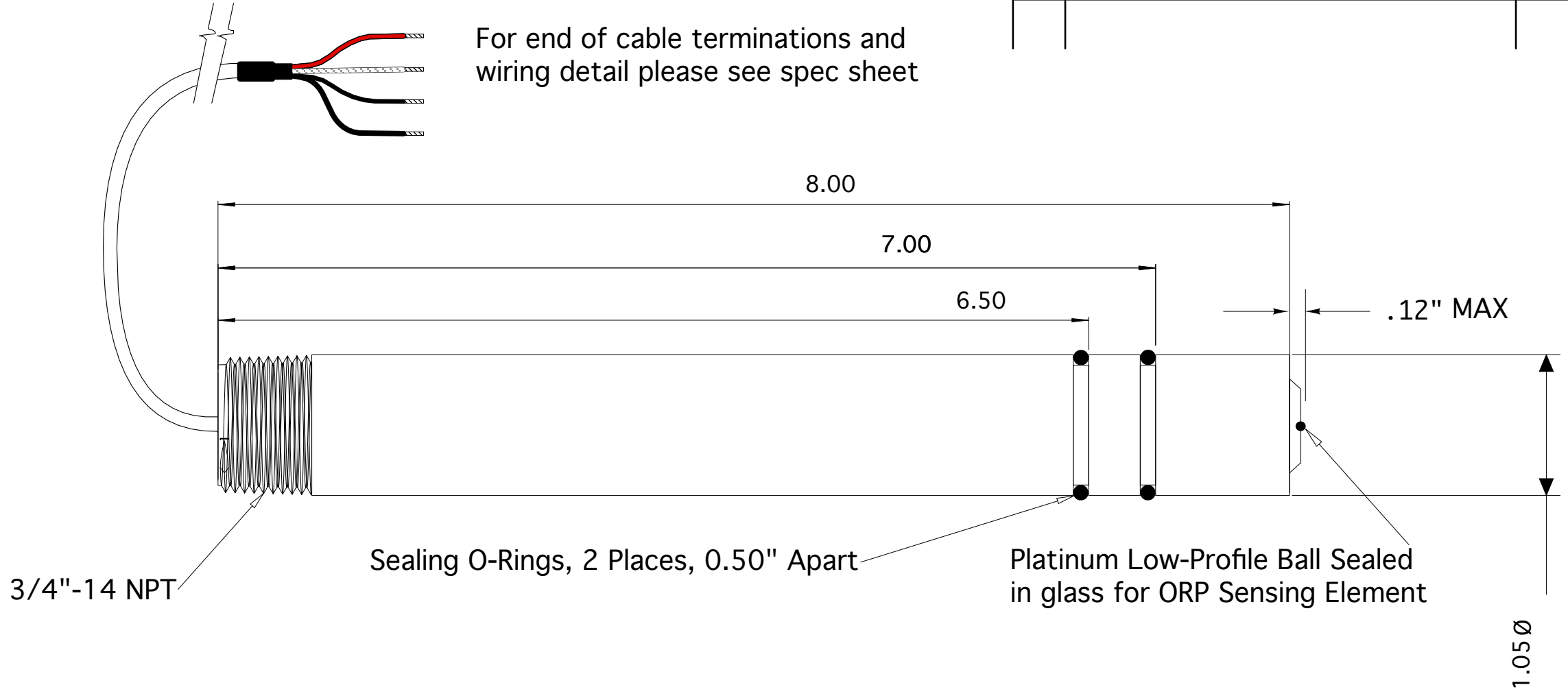


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REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



For end of cable terminations and wiring detail please see spec sheet

8.00

7.00

6.50

.12" MAX

3/4"-14 NPT

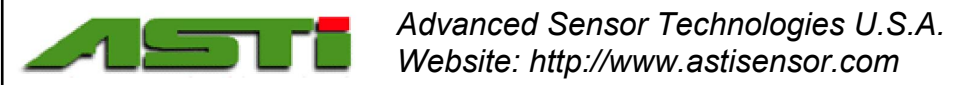
Sealing O-Rings, 2 Places, 0.50" Apart

Platinum Low-Profile Ball Sealed in glass for ORP Sensing Element

1.05Ø

NOTES

1. All dimensions are in inches, unless otherwise indicated with tolerances as detailed below
2. Sensor body material of construction is RADEL (5X31), PEEK (5X41) or RYTON (5X51)
3. O-ring material of construction is Viton-75 standard; CV75, Simriz 485 & Kalrez 4079 Optional
4. Drawing shown without protective tines. Max protusion of low-profile platinum ball style X8XX series ORP sensor past body is 0.12" inches yielding a max overall length of 8.12 inches.
5. With Protective tines "GR" (4 places, 90 degrees apart) or "GRO" (2 places, 180 degrees apart) configurations overall sensor length is 8.00 inches.
6. This sensor is only for use with ASTI supplied sanitary and valve retractable sensor holders.
7. See installation procedures for proper insertion of this sensor into the mating holder.



TOLERANCES		DRAWN BY RH
1 Place: ± .1	3 Places: ± .005	CHECKED BY TADP
2 Places: ± .01	4 Places: ± .0005	APPROVED BY MJP
Angular: ± 0.25°		

TITLE Sensor for Sanitary & HOT-TAP/Retractable Use			
SIZE B	PROJECT SAN / VR	DRAWING NO. 5-1-Pt Low-Profile ORP	REV /
SCALE Not to Scale	MODEL 5X31, 5X41, 5X51	SHEET 1	OF 1

1

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