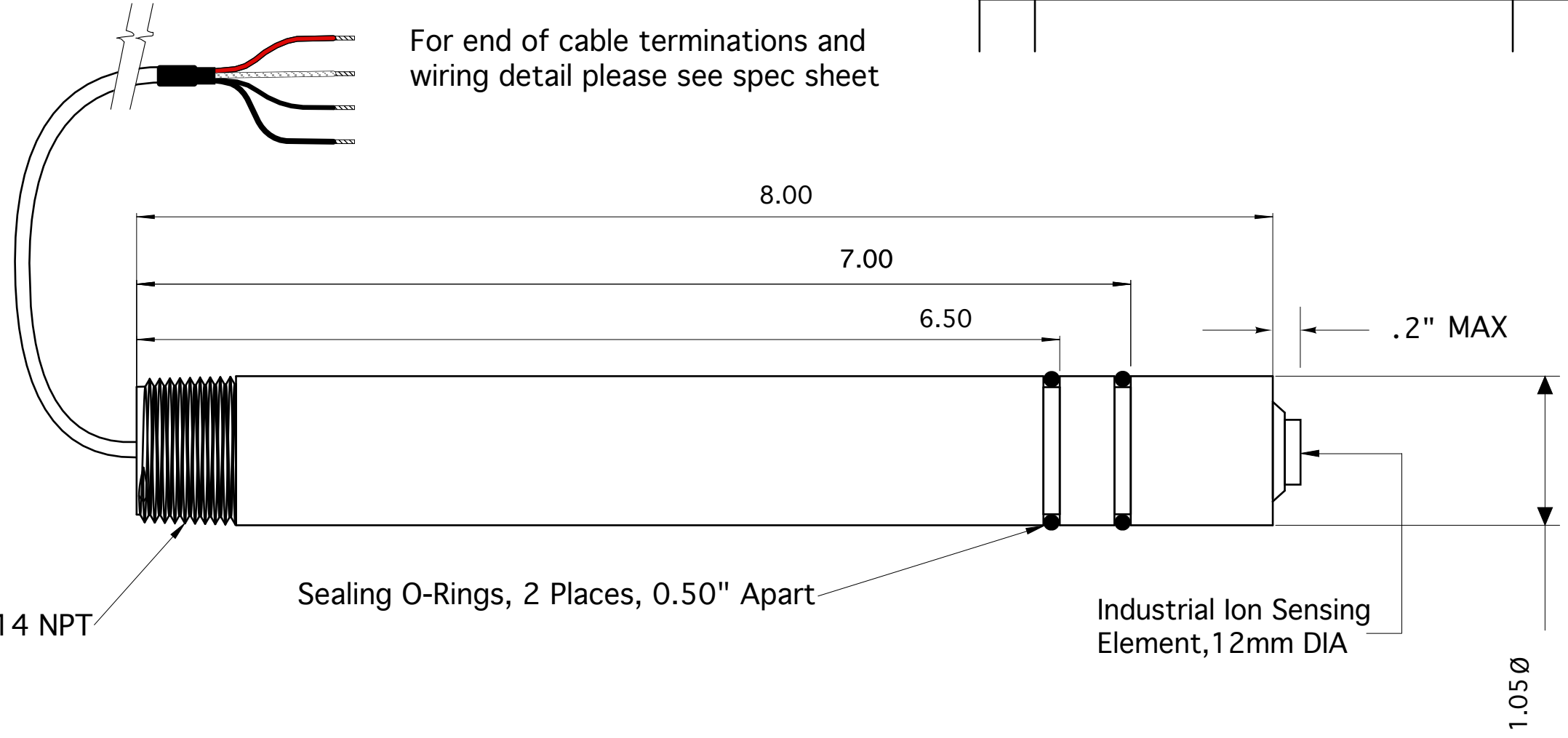


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REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



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

3/4"-14 NPT

Sealing O-Rings, 2 Places, 0.50" Apart

Industrial Ion Sensing Element, 12mm DIA

NOTES

1. All dimensions are in inches, unless otherwise indicated with tolerances as detailed below
2. Sensor body material of construction is RADEL for all 5XX0 series ion selective (ISE) models
3. O-ring material of construction is Viton-75 standard; CV75, Simriz 485 & Kalrez 4079 Optional
4. Drawing shown without protective tines. The maximum displacement of the sensor past the end of the body in this configuration is 0.2" inches yielding a max overall length of 8.2 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	
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 U.S.A.
Website: <http://www.astisensor.com>

TITLE Sensor for Sanitary & HOT-TAP/Retractable Use			
SIZE B	PROJECT SAN / VR	DRAWING NO. 5-ISE Ion Selective Sensor	REV /
SCALE Not to Scale	MODEL 5XX0	SHEET 1 OF 1	

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B