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REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED

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

O-RINGS (2 EACH)

LOCKING PINS FOR TWIST-LOCK
QUICK-DISCONNECT FEATURE

1" - 11.5 NPT
1.31" DIA MAX

0.95"
DIA.

1.69"

0.12" MAX

1.25"

8.00"

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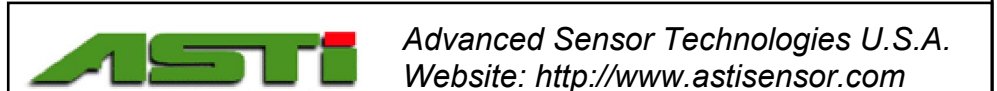
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NOTES

1. All dimensions are in inches, unless otherwise indicated with tolerances as detailed below
2. Sensor body material of construction is RADEL (8X31), PEEK (8X41) or RYTON (8X51, 8X52)
3. O-ring material of construction is Viton-75 standard; CV75, Simriz 485 & Kalrez 4079 Optional
4. Drawing as shown is without protective tines. The maximum displacement of the sensor past the end of the body in this configuration 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 suitable for inline installation when used with ASTI 1" MNPT Twist Lock Receptacle.
7. Do not use any sensor beyond the factory defined maximum temperature or pressure rating.

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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 Inline Twist Lock Quick Disconnect Use			
SIZE B	PROJECT TWIST-LOCK	DRAWING NO. 8-1-Pt Low-Profile ORP	REV /
SCALE Not to Scale	MODEL 8X31,8X41,8X51,8X52	SHEET 1	OF 1

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