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REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED

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

3/4" - 14 NPT

FLATS FOR
1 1/16" WRENCH

1" - 11.5 NPT
1.31" DIA MAX

0.875"
DIA.

2.00"

1.25" DIA.

8.50"

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NOTES

- All dimensions are in inches, unless otherwise indicated with tolerances as detailed below
- Sensor body material of construction is RADEL (6X31), PEEK (6X41) or RYTON (6X51, 6X52)
- Drawing shown in the standard with protective tines configuration (4 places, 90 degrees apart).
The 2 protective tines only "GRO" configuration (2 places, 180 degrees apart) is optional.
- In the alternate without tines configuration ("NG") the sensor body is exactly 8.0 inches in length.
The max displacement for ORP sensing element is 0.1" yielding a max insertion depth of 1.6 inches past threads & overall max length of 8.1 inches.
- Do not use any sensor beyond the factory defined maximum temperature or pressure rating.

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Advanced Sensor Technologies U.S.A.
Website: <http://www.astisensor.com>

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

3/4"-1" MNPT Inline / Immersion / Submersible

SIZE

B

PROJECT

IMMERSION

DRAWING NO.

6-1-Pt Low-Profile ORP

REV

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SCALE Not to Scale

MODEL 6X31,6X41,6X51,6X52

SHEET 1 OF 1

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