

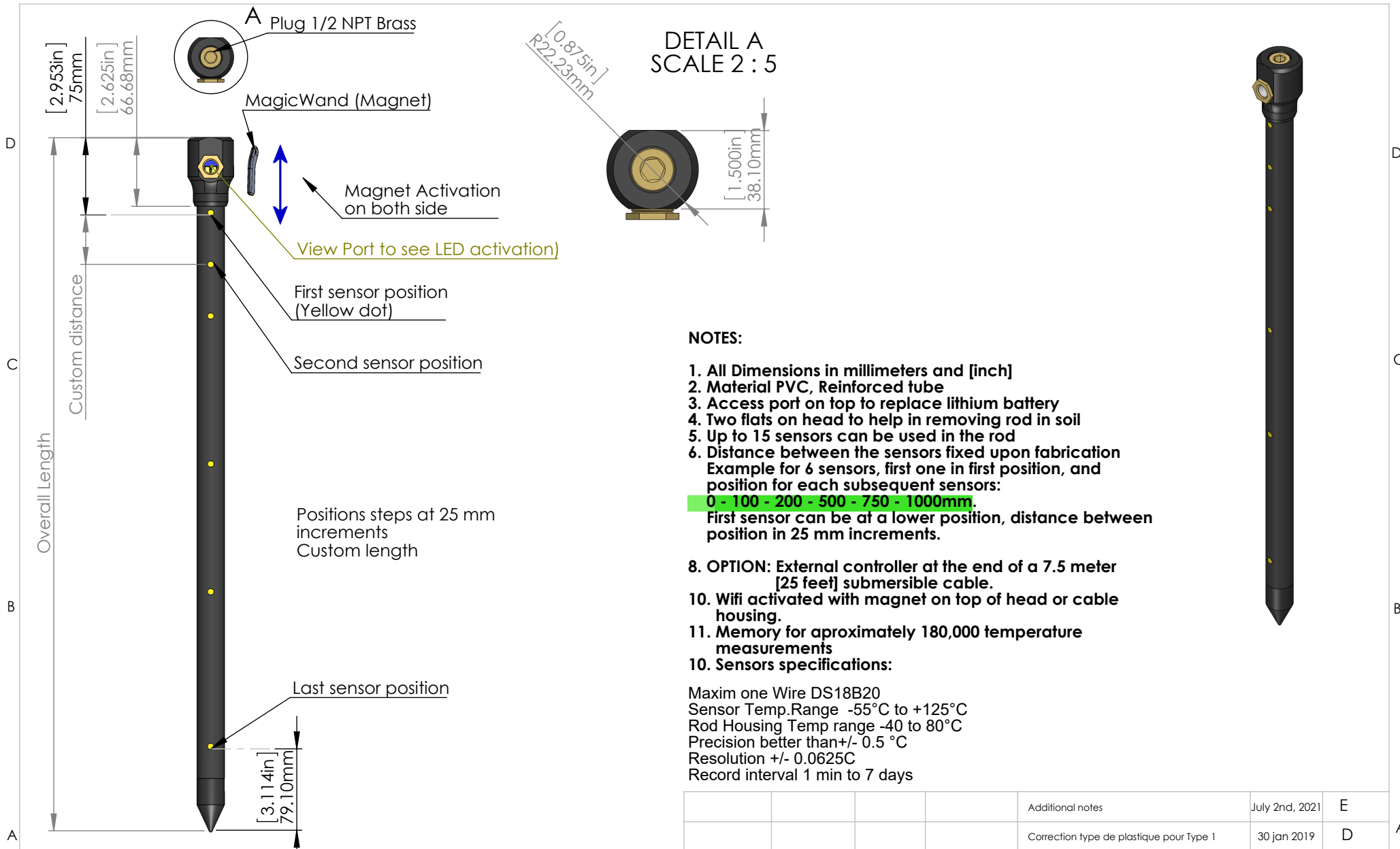
5

4

3

2

1



#### NOTES:

- All Dimensions in millimeters and [inch]
- Material PVC, Reinforced tube
- Access port on top to replace lithium battery
- Two flats on head to help in removing rod in soil
- Up to 15 sensors can be used in the rod
- Distance between the sensors fixed upon fabrication  
Example for 6 sensors, first one in first position, and position for each subsequent sensors:  
**0 - 100 - 200 - 500 - 750 - 1000mm.**  
First sensor can be at a lower position, distance between position in 25 mm increments.
- OPTION: External controller at the end of a 7.5 meter [25 feet] submersible cable.
- Wifi activated with magnet on top of head or cable housing.
- Memory for approximately 180,000 temperature measurements
- Sensors specifications:

Maxim one Wire DS18B20  
 Sensor Temp.Range -55°C to +125°C  
 Rod Housing Temp range -40 to 80°C  
 Precision better than +/- 0.5 °C  
 Resolution +/- 0.0625C  
 Record interval 1 min to 7 days

#### TOLERANCES

Sauf indication contraire  
Unless otherwise noted

0 - 50 mm	± 0.3 mm
50 - 300 mm	± 1.6 mm
300 - 1200 mm	± 3.2 mm
1200 - + mm	± 6.3 mm

0 - 2"	± 0.010"
2 - 12"	± 0.063"
12 - 48"	± 0.125"
48 - +	± 0.250"

Tolérances des perçages  
Hole diameter tolerances

0 - 5 mm	+ 0.08 / - 0.05 mm
6 - 12 mm	+ 0.13 / - 0.08 mm
12 mm - +	+ 0.25 / - 0.13 mm

0 - 0.250"	+ 0.003" / - 0.002"
0.250" - 0.500"	+ 0.005" / - 0.003"
0.500" - +	+ 0.010" / - 0.005"

Angles ± 1/2 degree

Ensemble suivant /  
Next ass'y

ENSEMBLE SUIVANT...

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CONCEPTEUR  
DESIGNER

DESSINATEUR  
DRAFTSMAN

VÉRIFIÉ PAR  
CHECKED

FMS / AQ  
RMS / QA

Additional notes

July 2nd, 2021

E

Correction type de plastique pour Type 1

30 jan 2019

D

VERSION ORIGINALE

23 juillet 2018

-

DESCRIPTION RÉVISION

DATE

REV.

**T.rodX** Wireless temperature sensor rod

Format  
Size

A

Echelle  
Scale

1=5

Dessin #  
Dwg no

AM-0237

Feuille  
Sheet

1 de 9

5

4

3

2

1