



Limited Only By Your *Imagination*

## Single Point Node 4/20 mA Input Model IIoT-1X10

**SolutionNet™ 4.0**

LoRa™ Bluetooth™ WirelessHART

Model IIoT-1X10 provides reliable and economical monitoring in areas where the cost of AC liens and other alternative had previously made it impractical. Based on advanced, patented IIoT Technology Innova-tions technology, the IIoT-1X10 unit provides single point monitoring. Battery powered and self-transmitting, it has a range of 3/4 mile or 1.2 kilometers. Use of IIoTTTI repeaters expands the range to 7 miles or 11.3 kilometers. This unit can be powered by battery plus it also pro-vides single point monitoring for the majority of currently installed loop powered devices. This flexibility provides a quick and inexpensive solution for bringing all 4/20 mA analog signals back to your control room or anywhere they are needed.

**This Datasheet  
Contains  
Protected  
Information**

### Specifications:

- Operating frequency LoRa 900 MHz, 868 MHz
- Channels (Europe) 2
- Transmission rates 5 seconds +
- Operating Temperature (-40°F to +185°F)(-40°C to +85°C)
- Humidity 0-95% non-condensing
- Power Requirement 3 VDC
- Enclosure PVC Tube
- Base 316 LSS
- Base Mounting/Connection (1/2 in) (1.3 cm) MNPT
- Weight (1.10 lb) (.5 kg)

**Single-point  
4/20 mA input  
unit operates  
from battery  
power**



**Please refer to  
the test sheets  
for final  
parameters**

### IIoT Technology Innovations

TX, USA Model: IIoT-1XXX Series  
CE 2776 UK CA 2503 Ex II 1 G D



Electrical and Hazardous  
Location Safety

IECEX CML 22.0021X  
CML 22ATEX2158X  
CML 22UKEX2159X

Ex ia IIC T4 Ga  
Ex ia IIIC T135°C Da  
-40°C ≤ Ta ≤ +60°C

E115651  
Cl I, Zn 0 AEx ia IIC T4 Ga  
Cl II, Zone 20 AEx ia IIIC T135°C Da  
I.S. for Cl I, Div 1 T4 Grps A, B, C, D;  
Cl II, Div 1 T135°C Grps E, F, G;  
Cl III, Div 1 and provides I.S. circuits  
with Entity Parameters per Install  
Manual 703-1008-01\*  
Tem. Code T4  
-40°C ≤ Ta ≤ +60°C

WARNING: DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE  
MAY BE PRESENT.

AVERTISSEMENT: NE PAS OUVRIR EN PRÉSENCE D'UNE ATMOSPHÈRE  
EXPLOSIVE.

WARNING: WIPE ONLY WITH DAMP CLOTH DUE TO ELECTROSTATIC  
DISCHARGE HAZARD

AVERTISSEMENT: ESSUYER AVEC UN CHIFFON HUMIDE EN RAISON DE RISQUES  
DE DÉCHARGES ÉLECTROSTATIQUES

WARNING: USE ONLY BATTERY PACK S1-1061

AVERTISSEMENT: UTILISEZ UNIQUEMENT REMPLAÇABLE LA BATTERIE PACK  
S1-1061

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