



Limited Only By Your *Imagination*

## Discrete Interface Transmitter

SolutioNet™ 4.0

LoRa™ Bluetooth™ WirelessHART

### Model IIoT-1X40

IIoTTTI Discrete Interface Transmitter can be configured for discrete single channel operation. This unit includes a ½ inch or 1.3 centimeters MNPT connector that will interface to any dry contact or relay instrument.

Operating range is 1½ miles or 2.4 kilometers depending on radio frequency. The use of IIoTTTI Intelligent Repeaters expands the range to as much as 7 miles or 11.3 kilometers.

**This Datasheet  
Contains  
Protected  
Information**

#### Specifications:

- Operating frequency 900aMHz (US), 868 MHz, W-HART
- Channels 1 or 2
- Transmission rates Momentary, Event Driven
- Operating Range Radio frequency dependent
- Operating Temperature (-40°F to +185°F)(-40°C to +85°C)
- Humidity 0-95% non-condensing
- Power Requirement 3 VDC
- Input Options Relays or dry contacts
- Enclosure PVC Tube
- Base 316 LSS
- Base Mounting/Connection (1/2 in) (1.3 cm) MNPT
- Weight (1.10 lb) (.5 kg)



**Wireless  
transmission  
interface for  
discrete signals**



**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

E115651

CI I, Zn 0 AEx ia IIC T4 Ga  
CI II, Zone 20 AEx ia IIIC T135°C Da  
I.S. for CI I, Div 1 T4 Grps A, B, C, D;  
CI II, Div 1 T135°C Grps E, F, G;  
CI 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

IECEX CML 22.0021X  
CML 22ATEX2158X  
CML 22UKEX2159X

Ex ia IIC T4 Ga  
Ex ia IIIC T135°C Da  
-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