

What Is METI Pyro?



- ▲ An advanced Universal Input data recorder with real time data
- ▲ Hassle free replacement for chart recorders/ data loggers/paperless recorders
- ▲ Free Analytical web app and free android app
- ▲ Get trend graphs, historical data, email, SMS alerts and customised reports
- ▲ 21CFR part 11 compliant



Maintenance Free



Quality Improvement



Production Improvement

Specification:

Number of Channels	1	2	4	8	16
Features	Universal input (TC, RTD, Volts, mA) Bright Red seven segment (optional TFT HMI touchscreen) Transmitter Power Supply of 24 VDC Retransmission output Relay output Trends, Reports, Graphs, Print out options, SMS Alerts, Automatic Email reports				
Input type	Thermocouple (J, K, T, R, S), RTD (Pt100), Current mA, Voltage DC, Digital input				
Accuracy	±0.25% of FS ±1 degree for TC & RTD input ±0.1% of FS ±1 count for linear input		±0.1% of FS ±1 count for linear input		
ADC Resolution	16 bits		17 bits		
Display Resolution	0.1 / 1.0 °C				
Sampling Rate	5 samples/Sec	4 samples/Sec	TC and Linear Input: 100mSec/channel RTD Input: 200mSec/channel		TC and Linear Input: 50mSec/ch RTD Input: 100mSec/channel
Display	Process Value: 0.56" 7 segment, Red LED 4 digits	Process Value: 0.56" 7 segment, Red LED 4 digits, 2 Lines	Process Value : 4-digit 0.56", Red seven segment Channel No - 1 digit	Process Value : 4-digit 0.56", Red seven segment Channel No - 1 digit	Process Value : 4-digit 0.56", Red seven segment Channel No - 2 digit 0.56", Green seven segment LED TAG NAME DISPLAY : 6-Digit, 0.3", Orange Alphanumeric LED

* 24 and 32 channels are also available, contact sales for more information

Local Display Range

Input	Input type	Range
Thermo couple	J	-200 to 1200 °C
	K	-200 to 1372 °C
	T	-200 to 400 °C
	R	0 to 1768 °C
	S	0 to 1768 °C
RTD	PT-100 (3 wire)	-200 to 850 °C, -199.0 to 850.0 °C
Accuracy	1-5V/0-5V/0-10V DC 0/4-20mA (Ext 250/100 Ω)	-1999 to 9999
	-10 to 20 mV DC (Available only for 4/8/16 Channel)	
	0-100 mV DC (Available only for 4/8/16 Channel)	
Other Features		
HMI 7", 800 × 480 pixel (16:9), TFT-LCD touch screen with trend graph (Available only for 4/8/16 Channel)		Optional
SMS Alert		Optional

About METI

METI M2M INDIA PRIVATE LIMITED (**METI**) is an Industrial IoT (IIoT) company that has indigenously designed and developed latest Machine to Machine (M2M) product portfolio ranging from hardware, web service, back-end cloud server, Big data analytics, front end software and Android app to improve the profitability of business' of all sizes.



PLUG & PLAY



CLOUD



ANALYTICS



ANDROID



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