EFSACO

Temperature transmitter

Model No. EFS-JTT 2088 -JPT2088
(under license of JINGE)

The most versatile temperature transmitter

- Every responsibility means countless challenges. You have ambitious production and quality objectives, but the

- temperature detection value is not accurate or not will cause unexpected parking and substandard products. If the

- temperature measurement value is not reliable, it may be necessary to make a manual inspection to increase the

- workload of the maintenance personnel and the cost of production loss. In addition, when you do not have the

- information or tools necessary to demonstrate compliance, improving security and compliance with government and company regulations will become more difficult.

- Reduce complexity and simplify the day to day operations of our diverse temperature applications

- with the versatile JTT 644X temperature transmitters. Make better decisions for your process with the new

- and easy to use JTT644X capabilities including dignostics,safety certification,integral transient protection and display options

JTT644X Series

Digital temperature transmitter

Digital temperature transmitter is specially designed for digital oil and gas fields,metallurgy and other harsh environment.The sensor has the advantages of high quality, high precision,corrosion resistance,impact resistance,vibration resistance,high stability and other advantages.The signal processor adopted the advanced intelligent conversion and digital compensation technology.It has strong anti-interference ability and lightning protection function,and the measuring range can almost meet the requirements of all operating conditions.

JTT644X
Digital Temperature Transmitter

Parameter	Value
▲ Measuring Range	-200~1600°C
▲ Accuracy	0.1%、0.25%、0.5%、1.0%
▲ Working Voltage	10~40VDC
▲ Output Signal	4~20mA+RS485、HART
▲ Types of Sensor	RTD 、TC
▲ Field of Application	used in electric power,chemical industry,metallurgy,oil&gas,etc

- **High Stability**

- We focus on every detials in production process and take high temperature and pressure aging process to ensure the stability of the product before delivery

- **Excellent operability and ease**

- Excellent working in any condition

- All transmitters can satisfy explosion proof requirement

- Equipped with 5-bit LCD indicator

- Easy to adjustment by its 3 keys

- **Steady connection technology**

- By RS 485 transmission, JTT644X transmitter will never be disconnected and could support 255 devices; with the resistance of radio frequency interference technology, JTT644X transmitter could perfect match digital radio transmission for long distance

■ **Specification**

- Refering accuracy
- ±0.25%/0.5%/1.0%
- **Environment effects**
- -20-70℃≥0.45
- **Vibration effects(expect for trace)**
- Set 15-2000Hz in any axis related to the
- pipeline installation process conditions,the
- test is less than 0.1%
- **Power effects**
- ±0.005/V(8-28V)
-

RF interference

 20-1000MHz, meter ,±0.1%
- **Zero adjustment**
- Within the upper and lower limits of the measurements range,it can be adjusted
- **Output**
- 2 wires,4-20Ma DC output, digital
- **Communication**
- RS485 connection distance
- ≈1200m，and it is related to the cross-sectiona area of the communication cable,the transmission rate and the number of the on-line instrument

EFSACO

Power Supply

- DC 8-28V(standard 24V)
- **Load characteristic**
- Maximum load resistance
- RL:(VS-12)/0.021
- In Type:RL maximum load resistance
- VS Power supply voltage
- **Operating Temperature**
- -20~+85°C
- **Storage temperature**
- -40~+104°C
- **Relative humidity**
- 0~95%

■Physical specifications

- **Diaphragm washer**

- Nitrile rubber sealing ring,PTFE sealing
- ring,metal sealing ring
- diaphram washer cerol oil
- **Case**
- aluminum alloy
- **Grade of protection**
- IP65
- **Weight**
- 1.5Kg(depends on the sensor)
- **Sings   and number plates**
- SUS304

130

153

125

open when power off

120   16

screw-thread
optional

insert depth
optional

diameter optional