

Tehran, Tehransar

پتروفرهان گستر جنوب



4-20 mA output infrared Temp,  
**IR Temp. TRANSMITTER**

Model : TR-IR430

ISO-9001, CE, IEC1010



**Lutron**



**LUTRON ELECTRONIC**

*The Art of Measurement*

+982165565901

+982144584619

+989034119385

پتروفرهان گستر جنوب

**FGJ-NDT.IR**

**DIGINDT.IR**

4-20 ma output infrared Temp,

# IR Temp. TRANSMITTER

Model : TR-IR430

## FEATURES

* 4-wire installation.
* Linear current output .
* Easy installation and connection.
* Temperature range 0°C~600°C .
* Emissivity values range from 0.100 to 1.000
* Temperature Unit setting : °C / °F .
* Small and robust infrared temperature sensor.

## General/ Electrical Specification ( 23 ±5°C )

Spectral range	8 to 14 μm.
Distance	D:S = 20:1 (90% energy) * <i>measuring distance / spot size</i>
Measurement Temp. range	0°C ~ 600°C ( 0.026 mA/°C ). 32 °F to 1112 °F ( 0.014 mA/°F ) .
Analog output	Analog output: 4 to 20 mA. * <i>linear to temperature.</i>
Loop impedance	Max. 500 Ω@24 V DC.
Emissivity	0.100~1.000 .
Response time	150ms (95%)
Accuracy	±1% of reading or ±1.5°C, which is greater.
Repeatability	±0.5% of reading or ±1°C, whichever is greater.
Connection cable	1 m length.
Power supply	Isolated Power 12VDC to 24VDC@20 mA. * <i>Ripple &lt; 2.5%</i>
Operation Temp.	0°C to 70°C / 32°F to 158°F.
Operation humidity	Max. 85% RH.
Housing	Stainless Steel Tube.
Mounting Nut	M22.
Dimensions	L= 110 mm x Φ=22 mm .
Weight	164 g.
Enclosure rating	IP50 .

\* Spec. tested under the environment RF Field Strength less than 3 V/M & frequency less than the 30 MHz only.

## Measurement Field distance / Spot ( d/s ) value

+982165565901

indicate the target spot diameter at any given target object and the sensing head. The

+982144584619

indicate the target spot diameter at any given target object and the sensing head. The

+989034119385

indicate the target spot diameter at any given target object and the sensing head. The

