Radiogeet RG 74

Our Model RG744IN, RG746IN and RG748IN are the large display Indicator which can be monitored up to distance of 50m, 70m, 100m our model has Red LED display. Its large digit facilitates process value to be monitored across wider geographical area in plant. It has most advanced features for monitoring and communication of process status. Our Model accept industry standard inputs with high accuracy of 0.1% to measure temperature, pressure and other process variables. It is easy to operate and configuration is user friendly. It can be interfaced with SCADA/PLC using optional RS485 communication and analog retransmission output for process automation. Alarm can be configured for two set points which are indicated on front Status LEDs. This Indicator has SMPS power supply for smooth and reliable performance. It is also equipped with transmitter power supply.

FEATURES

- Universal input types (TC, RTD, mV, mA, V, Ω)
- RS485 serial communication (optional)
- Transmitter Power Supply
- Programmable retransmission output (optional)
- Two programmable alarm outputs (optional)

APPLICATION

- Building Automation
- Weather forecast/ Lab
- Industrial / Factory / Process
- Pharmaceutical Labs
- Environmental Monitoring
- Heat treatment - furnace
- temperature monitoring
- Pressure/ Level/ Flow Monitoring

TECHNICAL SPECIFICATIONS

Input Type

CU50(-50～150.0)
PT100 (-199.9～600.0)
K (-30～1300)
E (-30～700)
J (-30～900)
T (199～400)
S (-30～1600)
R (-30～1700)
0～10V (-1999~9999)
4～20mA (-1999~9999)

Measurement deviation: Class±0.5%F·S±1B, additional cold end compensation deviation ±1℃

Structural

Enclosure material: MS,
Enclosure protection: IP65,
Mounting: Wall mount | Hanging

Output

Alarm Output (Optional)
Relays 2 Nos. Single Change over (C, NO, NC)
Rating 5A @ 230VAC / 30VDC
Retransmission Output (Optional)
Current 0/4-20mA @500Ω Max.
Accuracy 0.25% of FS
Communication (Optional)
Interface RS485 (2 Wire)
Protocol Modbus-RTU
Baud rate 4800, 9600, 19200, 38400

Power Supply

Voltage: 230 VAC
Power output: 24 VDC

Display

Size: 4",6",8" Seven Segment Display
Digit: Four Digit Display

Sustainability

Ambient temperature: 0 to 60°C
Storage temperature: -20 to 80°C
Humidity: 10% to 95% RH (Non-Condensing)

NOMENCLATURE

Model	Size	Output	Frame	Wireless
RG74X-XXX	**4**- 4" Inch **6**- 6" Inch **8**- 8" Inch	**A** - 4-20mA **C** - RS485	**G -** General Metal **M** - MS Powder Coated	**N** - No **Y** - Yes