

GGN-1

120VAC Power, 8 Inputs

GGN-2

120VAC Power, 8 Inputs, 1 Relay Output

GGN-3

12 - 24VDC Power, 8 Inputs

Transmitters for Electro-Mechanical Equipment Monitoring and Activation



**REMOTE WIRELESS (CELLULAR)
MONITORING AND CONTROL SYSTEM**

The Notifact GGN-1 transmitter offers an economical means to provide 24/7 monitoring for a wide array of equipment such as boilers, pumps, generators, production machinery, or trash compactors. It may be used to monitor any system having switch or AC voltage inputs or outputs.

Monitoring examples include:

- **Computer room/data center temperature**
- **Boiler lockouts**
- **HVAC equipment monitoring**
- **Refrigeration temperature**
- **High/low temp. set points exceed range**
- **High/low fluid levels exceed set points**
- **Motor failures**
- **Power loss (battery backup enables message alert)**

System Operation:

At the Notifact website, the user configures which individuals will receive messages regarding certain operating conditions. Delivery methods include pagers (alphanumeric, numeric), fax, e-mail, XML, PCS, or telephone (voice delivery). Each message contains the condition which generated the alert, and the make, model, and location of the equipment.

The transmitter is powered by the equipment power source and constantly monitors up to 8 inputs. When an input is triggered, the transmitter sends the alert message over the cellular GSM system. The transmission is received at the Notifact messaging center and relayed to the selected message recipients by the configured delivery method within minutes. The transmitter's battery backup enables the system to report an equipment power loss.

Heartbeat:

Every 24 hours, the transmitter also sends an equipment "heartbeat" to the user via the Notifact website. This transmission tells the user that the transmitter is properly functioning, powered, and able to transmit.

Website:

The Notifact website shows the history of alert messages and heartbeats (including heartbeat data).

The Notifact logo features a stylized blue circular graphic above the word 'Notifact' in a bold, black, serif font. A trademark symbol (TM) is located to the upper right of the word.

20 New Dutch Lane, Fairfield, NJ 07004 • Phone: 800-504-0750, Fax: 800-359-0826 • www.notifact.com



Notifact™ Model GGN-1 Features

- There are 8 standard inputs: 4 AC and 4 switch (dry closure)
- 4 AC inputs accept from 24 to 120VAC, 3mA. Two inputs generate an alert on power being applied. Two inputs can be user selected to either generate an alert on power being applied or on a loss of power.
- 4 switch inputs accept a dry contact closure. Two inputs generate an alert on a switch closure. Two inputs can be user selected to either generate an alert on switch closure or switch opening.
- An alert is generated if the transmitter has a loss of power for more than 15 minutes or if backup battery power is low.
- The transmitter can be powered with voltages from 85VAC to 120VAC.
- Every 24 hours a heartbeat transmission is initiated by the transmitter which includes the status of the unit and any conditions still pending.
- Display shows cellular signal status at all times.
- NEMA-4 enclosure is suitable for mounting outdoors.

SPECIFICATIONS

POWER INPUT GGN-1/GGN-2 85-120VAC

POWER INPUT GGN-3 12-24VDC

POWER CONSUMPTION 15VA

BATTERY BACKUP

NiCad battery is also provided to generate an alert message on loss of 120VAC.

OPERATING TEMPERATURE

-40 to 140°F (-40 to 60°C)

STORAGE TEMPERATURE

-40 to 160°F (-40 to 70°C)

ENCLOSURE:

Type:
NEMA-4 suitable for outdoor mounting

Dimension:
7-1/8"W x 9-5/8"H x 3-1/2"D
(18 x 24.5 x 8.9cm)

Material: UV resistant ABS Gray

Knockouts:
3 bottom, 3 rear (1/2", 3/4" concentric)

GGN-1/GGN-2/GGN-3 INPUTS:

4 AC Inputs 24 - 120VAC 3mA
4 Switch Dry contact closure

RADIO:

Frequency: 850/1900 MHz
Output: 2 watts

ANTENNA (50 Ohms):

Standard: 3" direct enclosure mount
Optional Accessories: Remote mount up to 50 feet from transmitter

GGN-2 OUTPUT:

1 Relay output rated 8Amps at 120VAC

OPTIONAL SENSORS

- Adjustable Hi/Lo temperature alarm
- Water detection sensor
- Humidity limit sensor
- Condensate trap over-flow

Notifact™ Model GGN-2 Features

GGN-2 has the same features as the GGN-1 in addition to the following features:

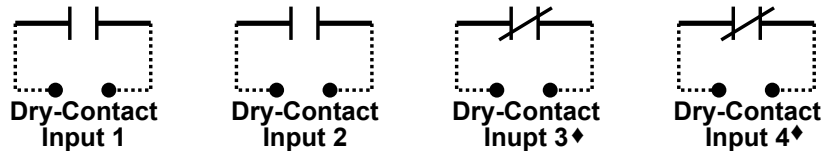
- Has a N.O. output relay that can be remotely energized/de-energized by the user from the Notifact website.

Notifact™ Model GGN-3 Features

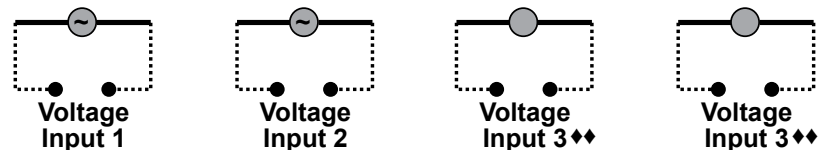
GGN-3 has the same features as the GGN-1 except for the power input

- The GGN-3 uses a DC power input of 12 - 24VDC.

Notifact™ GGN-1/GGN-2/GGN-3 Inputs

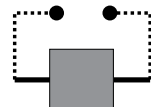


♦ User defined to transmit either on an Open or a Short



♦♦ User defined to transmit either on voltage or loss of voltage

GGN-2 Output



N.O. Relay energize equipment



20 New Dutch Lane, Fairfield, NJ 07004
Phone: 800-504-0750, Fax: 800-359-0826
www.notifact.com

DISTRIBUTED BY:

