

AH-1

Transmitter for Process, System, or Equipment Monitoring



The AH-1 transmitter offers an economical means to provide 24/7 monitoring for a wide array of equipment such as boilers, pumps, generators, emergency systems, tank levels and various processes. It may be used to monitor any system via dry contact or AC voltage inputs or outputs. Monitoring examples include:

- Boiler lockouts
- Low/high level cutoffs
- Freeze conditions
- High/low temp. setpoints exceed range
- High/low fluid levels exceed setpoints
- Vibration limits
- Equipment tolerances out of range
- Motor failures
- Power loss
- System Activation
- Process Activity

At the Notifact web site, 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 transmission, 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 North American AMPS (Advanced Mobile Phone 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.


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Every 24 hours, the transmitter also transmits 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.

Notifact™ Model AH-1 Features

- There are 8 standard inputs: 4 AC and 4 switch (via dry contact)
- 4 AC inputs accept from 24 to 240VAC, 3mA. Two inputs generate a transmission on power being applied. Two inputs can be user selected to either generate a transmission on power being applied or on a loss of power.
- 4 switch inputs accept a dry contact closure. Two inputs generate a transmission on a switch closure. Two inputs can be user selected to either generate a transmission on a switch closure (N.O.), or on a switch opening (N.C.).
- A transmission 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 240VAC
- Every 24 hours a transmission is initiated by the transmitter which includes the status of the unit and any conditions still pending.
- Display shows signal strength at all times.
- NEMA-4 enclosure is suitable for mounting outdoors.
- Service button enables call upon arrival of service provider.
- Website shows history of alarms, heartbeats and messages.

SPECIFICATIONS

INPUT VOLTAGE 85 - 240 VAC

POWER CONSUMPTION 15 VA

BATTERY BACKUP 12 VDC Gell Cell

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

DIMENSIONS:

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

MATERIAL: UV Resistant ABS Gray

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

INPUTS

4 AC INPUTS 24-240 VAC 3mA

4 SWITCH Dry contact closures

RADIO

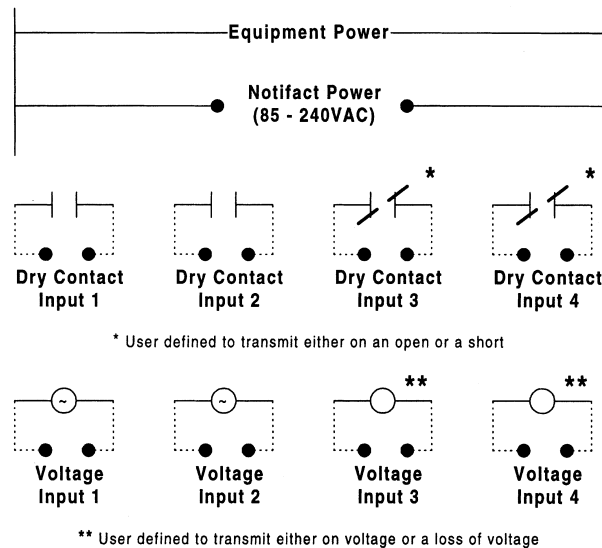
TRANSMIT 824.01 - 848.97 MHz

RECEIVE 869.01 - 893.97 MHz

OUTPUT 3 Watts

ANTENNA 50 Ohms

Typical Installation



Information about monthly communications service fees as well as parts and accessories, including sensors and antennas, is available at www.notifact.com

DISTRIBUTED BY:


Notifact™

20 New Dutch Lane
Fairfield, NJ 07004
973-227-2900; FAX: 973-227-4202
www.notifact.com