

armstrong MONITORING AMC-UTx-B Series BACnet Transmitter Module



## armstrong MONITORING AMC-UTx-B Series BACnet Transmitter Module Instruction Manual

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armstrong MONITORING AMC-UTx-B Series BACnet Transmitter Module



Armstrong Monitoring's UTX-B Series brings the safety, reliability, serviceability, and user experience of our new UTX platform to the integrated building controls market. Ideally suited for commercial vehicle exhaust applications, the AMC-UTx-B represents a significant step forward in the ease of installation and maintenance over traditional gas detection equipment. The integral sensor module(s) are easily changed, and are eligible for the EZ Cal™ service program, taking the work and risk out of maintaining your gas detection system.

## SPECIFICATIONS

- Detectable Gases
  - CO, NO2, or Combination CO/NO2
- User Interface
  - Keypad: 3 Button
  - Indicators: OLED Display (8 lines x 20 characters) LEDs for Sensor, Operation, Fault
  - Outputs: BACnet MS/TP
- **Electrical**
  - Supply Voltage: 12-24 VDC
  - Wiring: 4 Wire – 2 power + 2 communication.
  - Power: 16-18 AWG shielded with drain wire
  - Communication: 18-22 AWG shielded with drain wire
  - Connection: RS-485.
- **Mechanical**
  - Enclosure: Polycarbonate Blend
  - Dimensions: 4.64" W x 2.35" H x 5.45" L (120mm x 60mm x 140mm)
  - Operating Temperature: -4°F to 102°F / -20°C to 40°C

## Application

- Coverage Area: Approx. 7500 sq. ft. (50' radius)
- Recommended Mounting Height: 4-5 ft. A.F.F.
- Approvals:

## FEATURES

- BTL listed, certificate number BTL-31105
- Patent pending ADAPTiCal™ algorithm ensures calibrations are optimized for the unique operating conditions of each sensor
- Sensors are temperature compensated throughout operating range for accuracy
- Programmable service reminders
- Available Dual Sensor Configuration
- EMI hardened and protected against over-voltage and polarity reversal
- Configurable On-board 2A @ 30VDC SPDT Relay
- 2 Year Warranty (sensors excluded)
- UL2075 recognized sensors

## COMMON VARIANTS

- **AMC-UTx-B-91A01-N-R-0400**  
BACnet MSTP Transmitter, CO, 0-100 ppm, Relay
- **AMC-UTx-B-98A01-N-R-0400**  
BACnet MSTP Transmitter, NO2, 0-10 ppm, Relay
- **AMC-UTx-B-VCA01-N-R-0400**  
BACnet MSTP Transmitter, Combination CO & NO2 Sensor, Relay
- **AMC-UTx-B-91A01-98A01-R-0400**  
BACnet MSTP Transmitter, CO, 0-100 ppm, NO2, 0-10 ppm, Relay

## AMC-UTX-B Wiring



## AMC-UTX-B Internal View



## Warranty

All Armstrong Monitoring equipment is warranted against defects in materials and workmanship for two years from date of delivery, with the exception of sensors. Please contact factory for specific sensor warranty. During the warranty period, we will repair or replace components that prove, in our opinion, to be defective. We are not liable for auxiliary interfaced equipment, nor consequential damage. All warranty returns require a return authorization number. For more information please refer to our Terms & Conditions.

**Note:** Due to ongoing product development, the manufacturer reserves the right to change specifications without prior notice. The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data. A variety of factors, not limited to variances in temperature, humidity, pressure, vibrations, EMI/RF may impact on the performance of the equipment. Testing within harsh or unusual environments is recommended. Please contact the factory for assistance with field validation trials. Published sensor data was obtained using a raw sensor in controlled conditions; actual performance may vary due to site conditions.

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## Documents / Resources



[armstrong MONITORING AMC-UTx-B Series BACnet Transmitter Module](#) [pdf] Instruction Manual

AMC-UTx-B-91A01-N-R-0400, AMC-UTx-B-98A01-N-R-0400, AMC-UTx-B-VCA01-N-R-0400, A MC-UTx-B Series BACnet Transmitter Module, AMC-UTx-B Series, AMC-UTx-B Series Transmitter Module, BACnet Transmitter Module, Transmitter Module, Transmitter, Module

## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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