

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:



BACnet is a registered trademark of ASHRAE. ASHRAE does not endorse, approve or test products for compliance with ASHRAE standards. Compliance of listed products to the requirements of ASHRAE Standard 135 is the responsibility of BACnet International. The BTL logo is a registered trademark of BACnet International.



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.