

# 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, NO<sub>2</sub>, or Combination CO/NO<sub>2</sub>

#### **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:



BAChet is a registered trademark of ASHKAE. ASHKAE 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 BAChet International. The BTL logo is a registered trademark of BAChet 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, NO<sub>2</sub>, 0-10 ppm, Relay

#### AMC-UTx-B-VCA01-N-R-0400

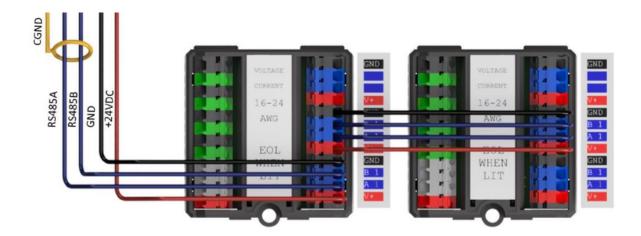
BACnet MSTP Transmitter, Combination CO & NO<sub>2</sub> Sensor, Relay

#### 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

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Published sensor data was obtained using a raw sensor in controlled conditions; actual performance may vary due to site conditions