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# **Model AVI-X TRANSPONDER**

## **For Automatic Vehicle Identification (AVI)**



The **Model AVI-X transmitter** provides communication through a standard roadway loop to a vehicle receiver. The AVI-X transmitter continuously transmits a radio frequency code for vehicle identification and/ or control purpose. The unchangeable code is programmed into the unit at the time of manufacture. The AVI-X is ruggedly built and is designed to be attached to the underside of a vehicle and connected to the vehicle's electrical system.

### **Specifications:**

**Voltage:** 12 VDC (11.5 to 15.0) protected from reversal and momentary over voltage.

**Current:** 210 mA maximum

**Code:** Code is automatically transmitted once every 15 milliseconds.

**RF:** 375 kHz crystal-controlled, pulse-modulated carrier will comply with FCC Part 15 for unlicensed operation.

**Operating Temperature:** -40°F to +130°F (-40°C to +54° C).

**Humidity:** up to 100% relative humidity.

**Power Cable:** 15ft (4.50m) un-terminated, two-conductor, twisted, shielded cable.

**Fuse:** 1 A Fast-acting (not included)

### **Dimensions:**

- Base is 4.50 in (11.43cm) diameter x 1.00 in (2.54cm) thick.
- Bolt is 0.38 in (0.97cm) diameter x 4.00 in (10.16cm) long.
- Overall Height of base plus bolt is 4.25 in (10.80cm).

**Weight:** 1Lb (455gm)