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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)