

Axiom Manufacturing
ID: TFY042201 and TFY042202
Oct. 11, 2007

Modular Approval Disclaimer:

Modular approval of the AXM0422-01 and AXM0422-02 REIMS TPMS modules is not required. The modules are Evaluation Boards for the integrated sensor device - the MPXY8300. Purpose of the modules is to evaluate the MPXY8300 sensor features and provide a small size module type reference design for review by TPMS system developers. The FCC registration of the intentional transmitter portion is to allow evaluation and demonstration of the sensor transmitter section. The module is intended to be a marketing demonstration platform for the MPXY8300 devices, not for end equipment application.

Application as end equipment disclaimer:

End equipment application will require a TPMS system sensor module to be mounted in a vehicle tire wheel assembly. Mechanical constraints and operating environment would prevent the submitted reference design from actually being applied as a system device in this manner. End equipment manufacturers will be required to adjust the design for application and certify the new design with the FCC and other compliance agencies.

Intended Application Purpose:

The modules will be sold in an evaluation kit for the MPXY8300 device. The evaluation kit will provide 2 modules and a compatible RF receiver device that connects to a host Personal computer. The demonstration application will allow the modules to be subjected to air pressure and other environment changes in a laboratory and then wirelessly communicate the sensor readings to the host PC for evaluation results. The evaluation method is intended to also provide an operational example of TPMS system application for the end equipment manufacturers.

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