



General Specification for Electrical/Electronic Subsystems and
Components

Part 13: Specific Signal Specification for Multiplex Signal
(MPX)
Requirements

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Revisions

Date	Paragraph
09.96	new
07.97	GMIO release

Änderungen

Datum	Abschnitt
09.96	neu
07.97	GMIO-Freigabe

1 Scope and Application

The MPX signal is transmitted from a diesel engine controller to a transmission controller and includes information about pedal position (driver demand), engine temperature and engine torque. It is a PWM-signal that contains three different information that are periodically repeated. The function, implementation and description of this signal is shown in paragraph 5.

GMI 12554 R, Part 13 determines the requirements. In addition to the requirements specified in GMI 12554, Part 1, the following requirements are applied:

2 References

2.1 Order of Precedence

The following order of precedence is valid for all of the requirements stated in this document:

1. Requirements stated in legal demands.
2. Requirements stated in the relevant specifications for the actual interface or signal (e. g. a VTS, Component drawing, etc.).
3. Requirements stated in this document.
4. Requirements stated in other GM International Standards.

Remark: In the event of a conflict between the English and the domestic language, the English language shall take precedence.

2.2 Government Documents

N. a.

2.3 General Motors Documents

2.3.1 GMIO

GMI 12554, Part 1
General Specification for Electrical/Electronic Subsystems and Component. Part 1: General Verification Specification for Electrical Signals and Interfaces