
 <p>Engine Governing Systems</p>	<p>Document: Technical Description Version: 1 Status: actual Author: bs Date: 01-12-07 Approved: ro Date: 01-12-07 File: PC</p>	<p style="text-align: center;">EAM112 GAC to BOSCH MS6.2 ECU Interface Module</p> <p style="text-align: center;">GAC PIB4089 (March 2001)</p>	 <p>Tel.: + 41-62-916 50 30 Fax: + 41-62-916 50 35 www.huegli-tech.com</p>
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EAM112

GAC to BOSCH MS6.2 ECU INTERFACE MODULE

Introduction

The EAM112 is an interface module which is designed to control the analog input to the Bosch MS 6.2 engine control and allow interconnection of the GAC load sharing and synchronizing systems.

The EAM112 module is an analog signal conditioner which takes the nominal 5.0V DC input signal and converts this to a 1.60V DC output signal. DC power for the module is to be supplied from the same 24V DC battery as the Bosch control.

Wiring

Wiring Diagram WD 187 not yet available

Note: The common battery minus connection between the BOSCH control, EAM112, and the GAC auto-sync and load sharing system should be as direct as possible electrically (minimum voltage difference).

Specifications

Input impedance	45K ohms
Output impedance	10K ohms
Nominal output voltage	1.60V DC
Nominal input voltage	5.0V DC
Transfer function	-0.04 volts/ volt (without trim pot)
Temperature range	-40° to + 85° C
DC supply range	15 to 32V DC
Auxiliary supplies	10V DC at Terminal E 5.0V DC at Terminal C
Trim Pot	5K trim pot to A, B, & C (See Diagram)