



Engine
Governing
Systems

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EAM 125

Voltage - Current Interface Module



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Introduction

The EAM125 is an electronic interface module designed to convert a 1 to 4 VDC input signal to a 4-20 mA output signal. The module is used with GAC feedback sensors and is calibrated at the range of 1.5-3.5 VDC input = 4-20 mA output. (factory setting)
Power for the module comes from the 24V DC system (battery).

An internal relay provides a discrete output signal (terminal 2) of 24 V DC when input voltage passes over the value set on the potentiometer [DISC].

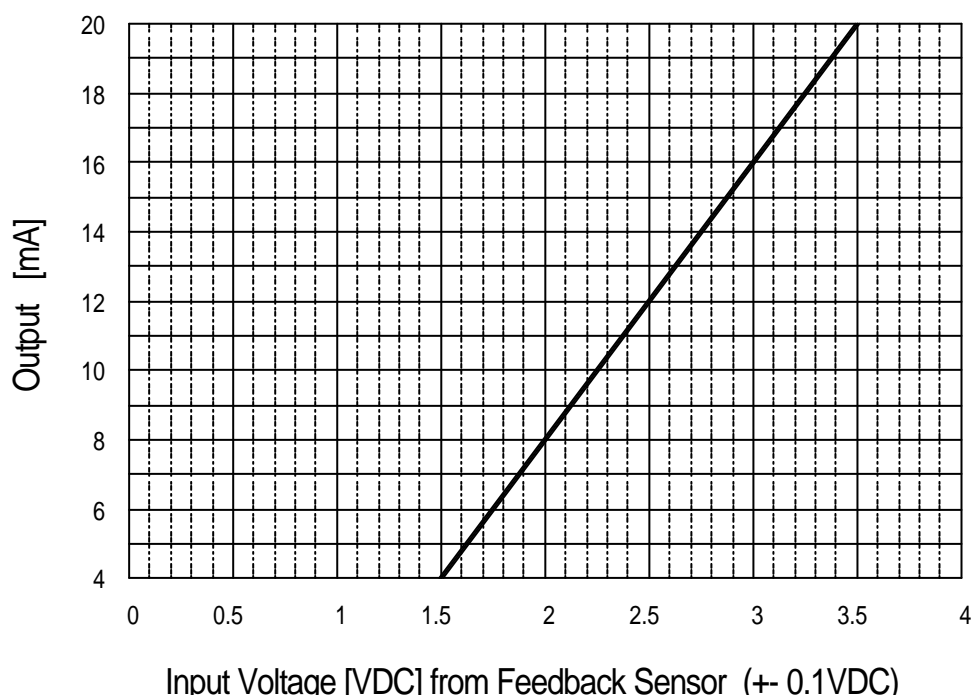
Wiring

See Wiring Diagram.

Specifications

DC supply voltage (Terminals 1 & 4)	24V DC
Input voltage range (Terminal D)	1 to 4 VDC
Output capability (Terminals 3 & 4)	20 mA
Output load	500 Ohms
Discrete output capability (Terminal 2)	2 A
Setting range for discrete output	1 to 4 VDC
Factory setting	3.5 VDC
Hysteresis	0.1 VDC

Calibration Input voltage vs. Output current (Factory Setting)



Wiring Diagram

