



Engine
Governing
Systems

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Status: actual
Author: bs **Date:** 03-05-09
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File: PC

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].

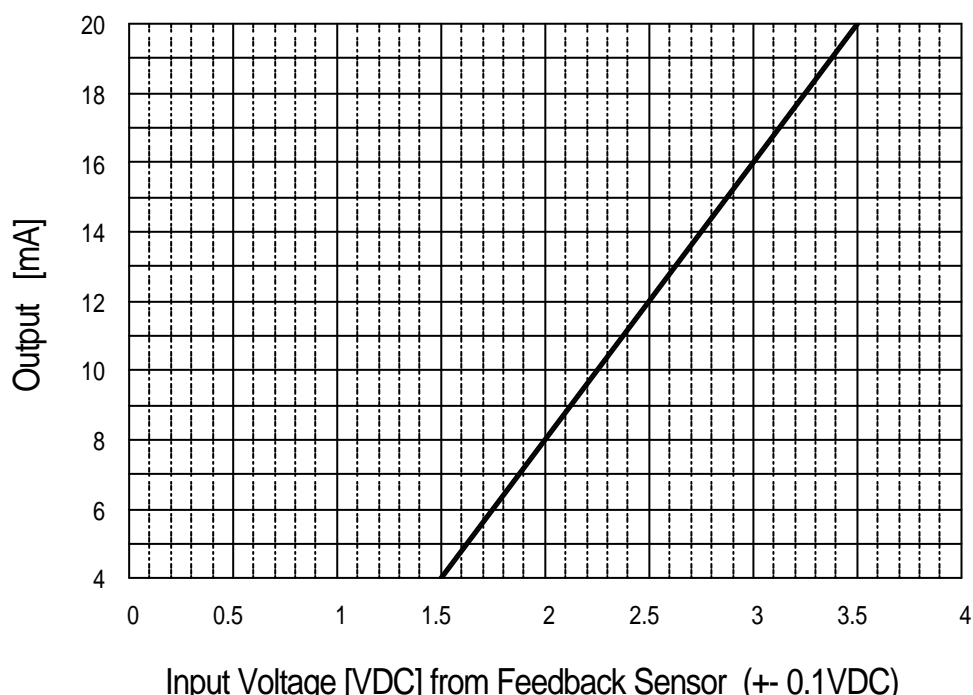
Wiring

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)





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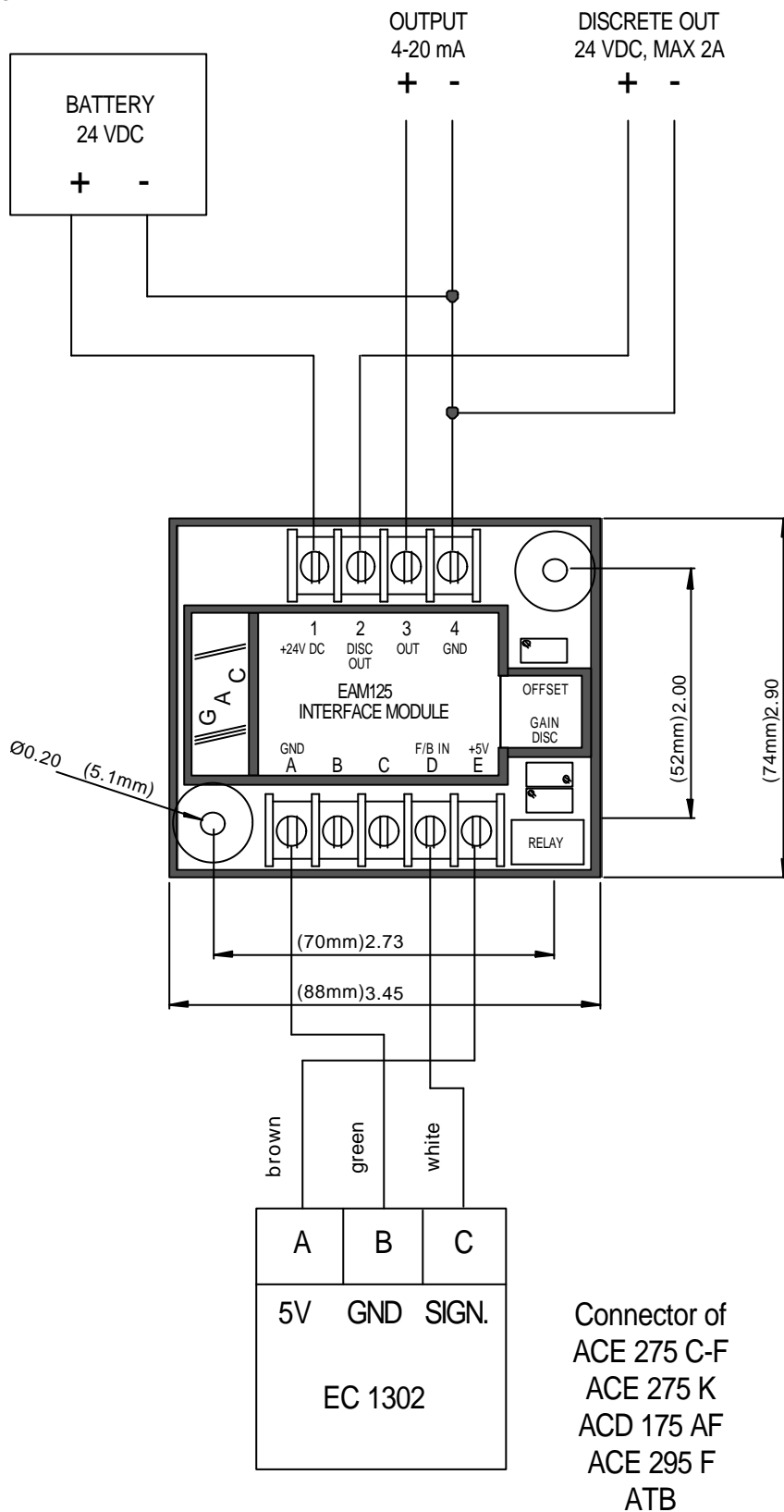
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Wiring Diagram



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Professional manufacturer of Stamford AVR, Leroysoner AVR R250, Marthon AVR, Siemens AVR, Deep Sea Starting System, Cumminspeed control, Load Sharing module, Cummins Actuators, GAC Actuators, Caterpillar AVR VR6, Mecc Alte AVR SR7, rectifier SSAYEC432, Diode Bridge 330-25777, Blaser AVR AVC63-7, Kutai AVR EA05A, SS053, MARELLI AVR M16FA655A, DSE5120, DSE5220, DSE5110, DSE501K, DSE704...etc.