

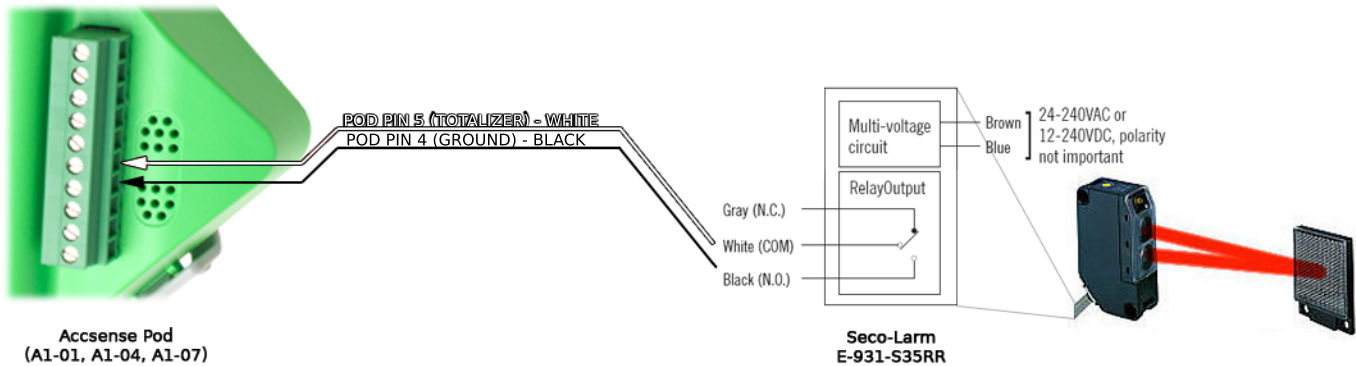
Overview:

The purpose of this document is to illustrate the proper connection and configuration of a Seco-Larm E-931-S35RR Photoelectric Beam Sensor. The sensor triggers a relay whenever the beam is interrupted. This sensor can be connected to any Accsense Pod with a Digital Input and Totalizer.

Pod Choices: **A1-01 A1-04 A1-07**

Connects to Pod Input: **Totalizer**

Connection Diagram:



Coefficient Calculation:

Because this pod uses the Totalizer, it is not necessary to enter any coefficients. However, if you were to use it to calculate rates, you can easily adjust it for more standard units.

Coefficient Equation:

$$displayed_value = coeff_1 + coeff_2 \cdot [value] + coeff_3 \cdot [value]^2 + coeff_4 \cdot [value]^3$$

To adjust your units, divide your database sample rate by the desired rate. If your gateway sample rate is once per minute, and you wish to see the number of counts per hour, enter 1/60 into coeff_2, or 0.16667

General	Info	Advanced
Calibration Coefficient-1: <input type="text" value="0"/>		
Calibration Coefficient-2: <input type="text" value="0.1667"/>		
Calibration Coefficient-3: <input type="text" value="0"/>		
Calibration Coefficient-4: <input type="text" value="0"/>		

Accsense, Inc provides these datasheets as a guide only, and makes no claims as to the validity or accuracy of these schematics, calculations, or uses. Always review and follow the documentation that comes with the specific sensors. If you have questions about how to hook up a particular sensor, please contact us via the telephone, or through the tech support contacts on our website.

At this point, we likely want some more legal mumbo-jumbo, in order to keep ourselves legally in the clear if someone tries to follow a datasheet and instead ends up frying their circuit.