



### General Information

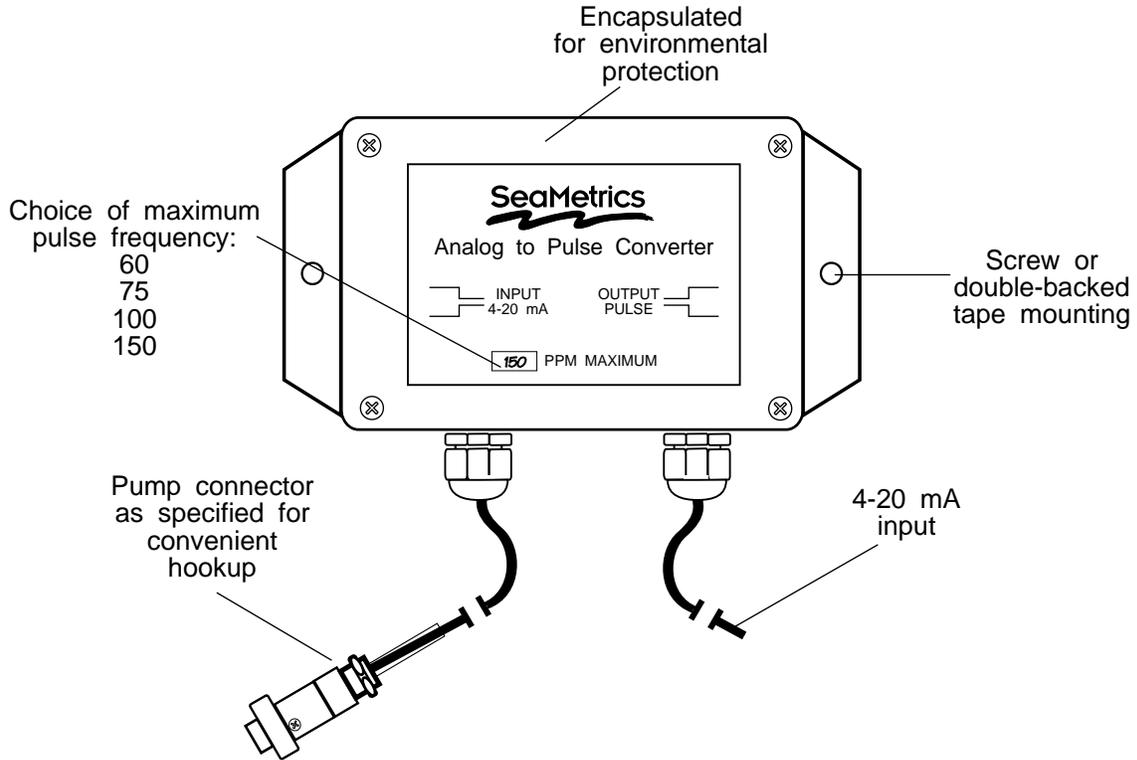
This simple, compact module converts a 4-20 mA analog signal into a pulse frequency, typically to control a pulse-type chemical metering pump. The most common applications involve injecting chemical proportional to some measured variable, such as pH, ORP, or flow. Designed for simplicity of use, the unit is encapsulated and pre-wired, with input and output connectors as specified. Frequency at 20 mA is factory set, with a choice of 60, 75, 100, or 150 pulses per minute. So that it can work with a wide variety of metering pumps, the AD30 is loop-powered and requires no other power supply. Low impedance makes it possible to connect several units to a single current loop.

The unit can be mounted with screws through a lug on each side, or with the supplied double-backed tape. Standard input cable length is 12 feet, and standard output length is 24 inches. An LMI connector is standard; pigtailed are available for other pumps.

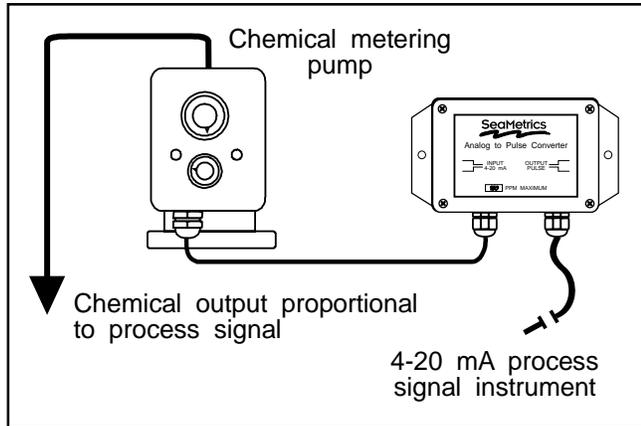
### Specifications

<b>Power</b>	11 - 24 VDC
<b>Minimum Current</b>	3.9 mA
<b>Accuracy</b>	
Linearity	± 1% FS
Zero Drift	0.06% per C of full scale
Span Drift	0.04% per °C of output frequency
<b>Output</b>	Open collector transistor, current sinking
<b>Max Output Sink</b>	10 mA at 30 VDC
<b>Operating Temperature</b>	32° F to 140° F
<b>Storage Temperature</b>	-40° F to 175° F

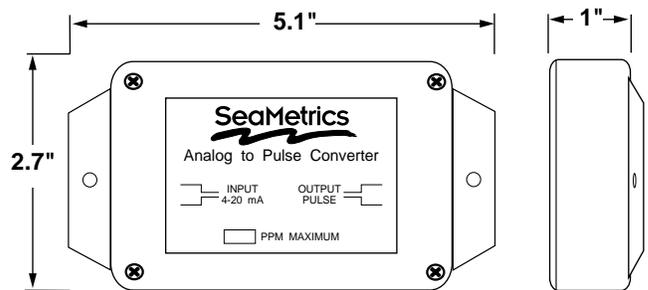
## Features



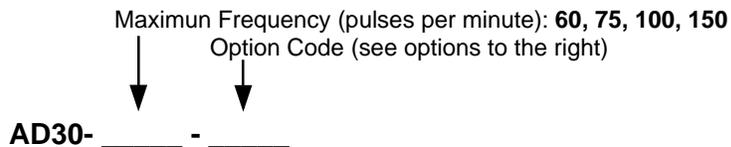
## Typical Application



## Dimensions



## How to Order



Option codes:  
06 LMI connector  
07 SeaMetrics connector

**SeaMetrics**