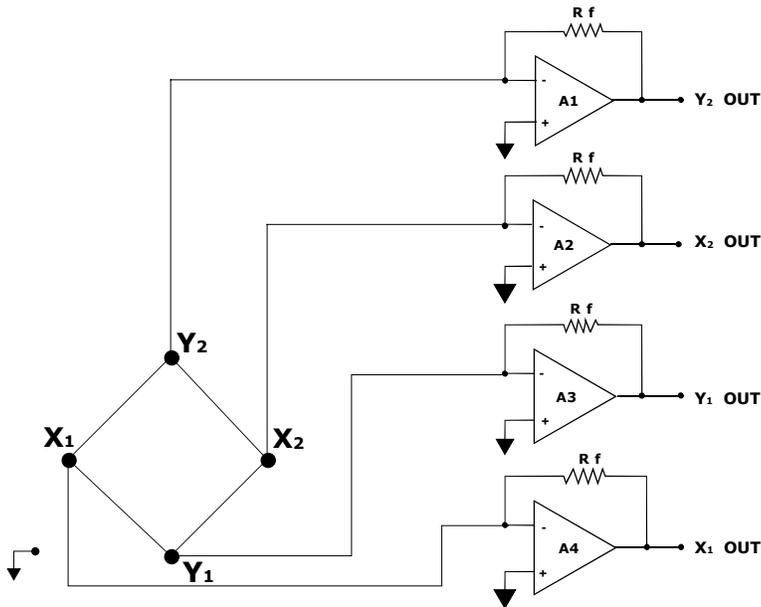


## PSD RECEIVER MODULE



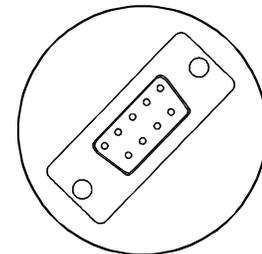
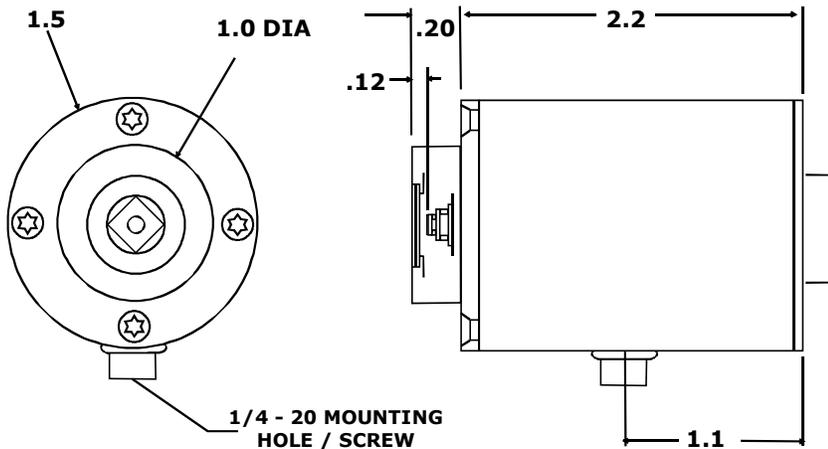
**Part no: G - 100 - PSD - E4**

This unit integrates the EOS PSD's with a 4-channel transimpedance amplifier in the H-series receiver module. Gain/bandwidth settings can be specified by the user. Standard settings are shown below.

### 9-PIN D-sub Connector

#### PIN

1 - Y <sub>2</sub> OUT	5 - GND
2 - X <sub>2</sub> OUT	6 - +V
3 - Y <sub>1</sub> OUT	7 - -V
4 - X <sub>1</sub> OUT	8 - GND
	9 - CASE



## SPECIFICATIONS

Detector Type	Germanium Tetralateral Photodiode
Active Area	10 mm x 10 mm overall
Wavelength Range	800 - 1800 nm
Amplifier Gain (Rf)	10 k ohms
Module Bandwidth	DC - 10 kHz
Position Resolution	< 1 micron, for 0.1 mW incident power
Power Requirements	+, - 15 DVC; 40 mA