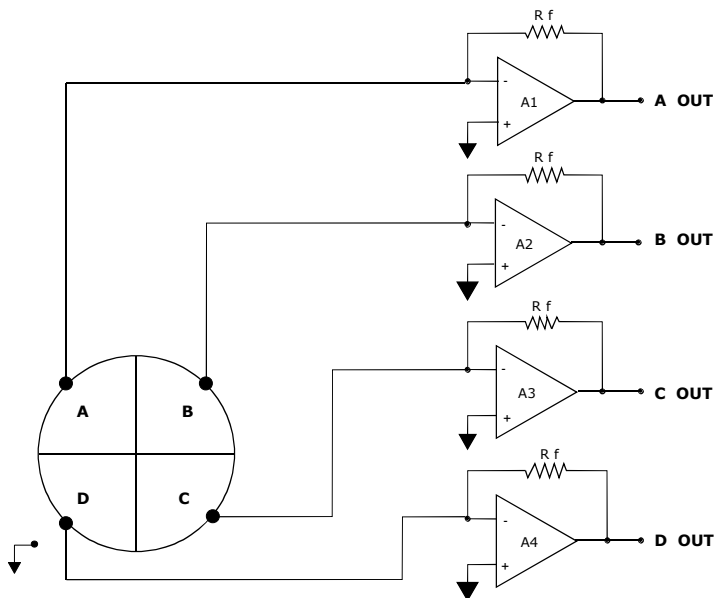


QUADRANT RECEIVER MODULE

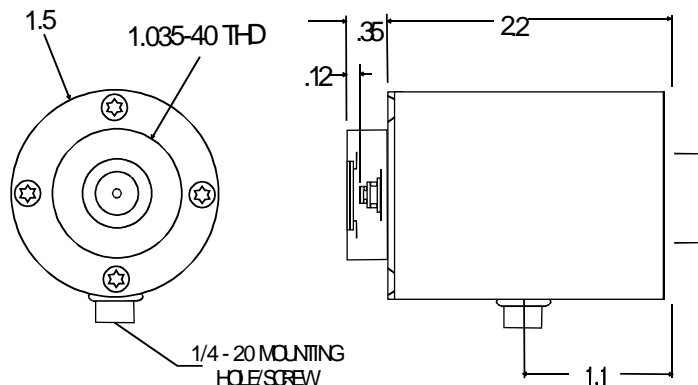


Part no:
IGA-030-QUAD-E4

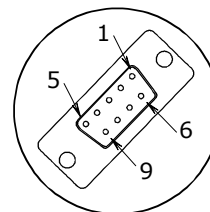
This unit integrates the EOS quadrant photodiodes with a 4-channel transimpedance amplifier in the H-series receiver module. Gain/bandwidth settings can be specified by the user. Standard settings are shown below.

Note:

Units delivered with a PS-1 power supply have an adapter cable for power and the amplifier outputs.



9-PIN D-sub Connector



- PIN**
- 1 - A OUT
 - 2 - B OUT
 - 3 - GND
 - 4 - C OUT
 - 5 - D OUT
 - 6 - +V
 - 7 - -V
 - 8 - GND
 - 9 - CASE

SPECIFICATIONS

Detector Type	InGaAs Quad Photodiode
Active Area	3.0 mm dia overall
Wavelength Range	1000 - 1700 nm
Amplifier Gain (Rf)	100 M ohms
Module Responsivity (V/W)	10 ⁸ , each channel
Module Bandwidth	DC - 2 kHz
NEP	< 2 x 10 ⁻¹⁴ W/Hz ^{1/2}
Power Requirements	+, - 15 DVC; 20 mA

RoHS Compliant