

# VEGA

## MODEL 2789500

## 2.5 KHz INDUCTOSYN™ PRE-AMP WITH ACTIVE FILTER



**RoHS  
Compliant**

### \*\*\* ADVANCED FEATURES \*\*\*

- Works with Linear and Rotary Inductosyn™ Scales
- Farrand, Heidenhain, Mitsubishi, and G&L Inductosyn™ Scales
- Active Filter for Noise Immunity
- Gain Range from 60:1 to 2400:1
- Operates on Single +5 vDC Supply
- Status LED's for Signal High, Low, and Mid
- Easy to Use
- Compact Design
- Panel Mount or DIN Rail Mounting Option

### INSTALLATION

- 1) Install the 2789 board as described in the application drawing 2790501
- 2) Turn the gain pot fully CCW until the LO LED is illuminated
- 3) Turn the gain pot CW until the LO LED is extinguished and the MID LED is illuminated.
- 4) Continue turning the gain pot CW to cent the pot between the MED LED and the HI LED
- 5) If adjustment from the gain pot does not allow the MED LED to become illuminated, Remove the x1 jumper to set the board in x4 gain. Repeat steps 2-4.

### SPECIFICATIONS

Input Frequency:	2.5 kHz
Input Range:	0.002 to 0.07 vPP
Max Output:	4.4 vPP
Power Requirements:	+4.8 to +5.4 vDC @ 50 mA
Mechanical:	2.875 x 2.875 x 1.000 in. 2.975 x 3.475 x 1.85 w/DIN
Weight:	46 grams (81 w/DIN)

### PRICING AND DELIVERY

Model	Description	Price	Delivery
2789500	2.5 kHz Inductosyn™ Pre-Amp	\$ 225.00	Stock
2789DIN	DIN Rail Kit	\$ 24.00	Stock

**VEGA**  
1270 Souter Blvd.  
Troy, MI 48083  
248.585.3600

**PEOPLE IN CONTROL OF MOTION**

2789500 Rev. 2

# APPLICATION AND MECHANICAL DRAWINGS

