

**Power Input**

Accepts 11 to 32 volts DC, 0.3A max.

**Lighting**

Internal white LED. Lighting control voltage is selectable for 5, 14 or 28 VDC

**Weight**

0.6 lbs.

**Certification**

FAA TSO-C34e, -C36e, -C40c

RTCA DO-192, -195, -196, -160E

**Length**

3.5 inches

**Temperature Range**

-30°C to +55°C (-22°F to 130°F)

**Humidity**

95% non-condensing

**Altitude**

-15,000 ft. to +55,000 ft.

**Cover Glass**

Special HEA (anti-reflective) coating

**Connector**

25-pin male D-Sub (MD25M3S0V50)

**Mating Connector**

25-pin female D-Sub (MD25F3R4000 or equivalent)

**Color**

Index marks and text: white

Dial background: black

Glideslope & navigational pointers: white

Bezel: black

**Operational Shock**

Rigid mounting, 6G operational, 15G crash safety

**Input Range**

Common mode voltage range is 1V to 5V for deviation signal inputs

**NAV/GS Deviation**

Normal: 1k ohms  $\pm$  10%

Max Operating Temp Range: 1k ohms  $\pm$  25%

Deflection sensitivity:

Normal: 150 mV  $\pm$  10%

Max Operating Temp Range: 150 mV  $\pm$  25%

### **Valid NAV/GS Meter**

Input impedance:

Normal: 1k ohms  $\pm$  10%

Max Operating Temp Range: 1k ohms  $\pm$  25%

Meter in view:

Normal: 260 mV  $\pm$  10%

Max Operating Temp Range: 260 mV  $\pm$  25%

### **To/From Annunciation**

Input impedance:

Normal: 200 ohms  $\pm$  10%

Max Operating Temp Range: 200 ohms  $\pm$  25%

To or From in view:

Normal:  $\pm$  40 mV  $\pm$  15%

Max Operating Temp Range:  $\pm$  40 mV  $\pm$  25%

### **OBS Resolver**

Zeroed at:

Normal: 300°  $\pm$  1° ORZ

Max Operating Temp Range: 300°  $\pm$  2.5°