

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°