



## **Digital Airspeed Indicator**

Manufactured by Mid-Continent Instruments and Avionics

## 2-INCH AIRSPEED INDICATOR WITH NUMERIC READOUT AND CONFIGURABLE FEATURES

Configurable range markings eliminate the extra time and cost of mechanical range markings.

The certified MD23-225 is a 2-inch digital airspeed indicator, ideal for a wide range of aircraft. It features smooth, high-resolution graphics with numeric readout, configurable range markings and Mach/MMO indication. Ground Speed and True Air Speed can be displayed with external ARINC input, and Night Vision Imaging System (NVIS) compatible versions are available.

- Configurable range up to 500 knots (or MPH), range markings and dynamic MMO barber pole indicator
- User-selectable Mach number display ON/OFF
- Ground Speed and True Air Speed indication via ARINC 429
- Fits standard 2-inch panel cutout
- Rechargeable, field-replaceable emergency battery (available)
- Lightweight 0.4 lbs
- Simple user interface Single, push-and-turn control knob
- Daylight readable LCD and smooth, high-resolution graphics
- Manual external lighting control or built-in photocell for automatic dimming
- Night Vision Imaging System (NVIS) compatible (available)
- TSO certified (Design Assurance Level A)
- Designed and built in Wichita, Kansas, USA
- Two-year limited warranty

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## **SPECIFICATIONS**

Power Input 10-32 VDC

0.14A @ 28 VDC; 4 watts nominal

ARINC 429 Low or high speed; Labels 210, 312 Data Input

> Pressure Absolute/static and differential/pitot (Quick Disconnect)

Data Output ARINC 429 Low or high speed; Labels 205, 206

**Operating Range** Configurable range of 160, 200, 300, 400 or 500 knots

Units of Measure Knots or miles per hour (MPH)

5, 14, or 28 VDC external control or internal photocell for automatic dimming Lighting

Battery Rechargeable, field-replaceable emergency battery power supply (available)

P/N 6430006-(1)

Technology Nickel Metal Hydride (NiMH)

0.25A @ 24 VDC nominal (6 Wh capacity) Attributes

Run time 60 minutes @ 0.25A

0.4 lbs (0.17 kg) Weight

Rear panel mounted, (4) #6-32 screws, 2.25-inch round bezel Mounting

2.43 x 2.43 x 1.0 inches (61.7 x 61.7 x 25.4 millimeters) **Dimensions** 

Mating Connector P/N 9019162-1 26-pin, D-Sub electrical connector (Quick Disconnect)

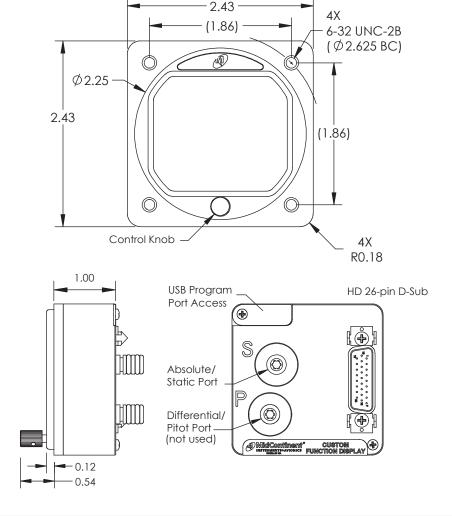
> P/N 9019162-2 Pneumatic fittings (Quick Disconnect)

Certification FAA TSO certified to C2d, C106, C113b

RTCA DO-160G qualified

RTCA DO-178C qualified, Design Assurance Level (DAL) A

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