# **Angle Position Sensors**

## AS500106

Magnet carrier for use with Angle Position Sensors

### Features

- PPS housing
- Samarium Cobalt 28 magnet
- RoHS compliant

#### **Environmental Specifications**

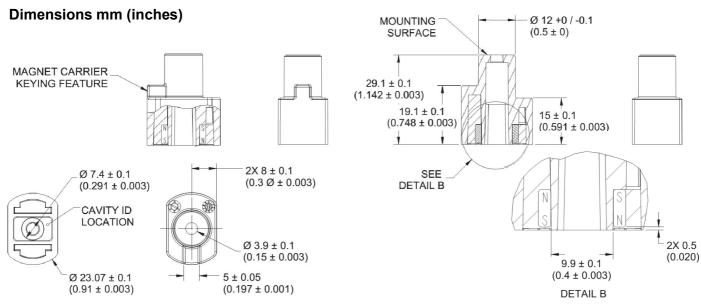
Vibration	15g sinusoidal, 9.26g RMS axial; 40 Hz – 2 kHz all 3 axes	
Operation Temperature	-40 °C to 125 °C (-40 °F to 257 °F)	
Storage Temperature	-40 °C to 150 °C (-40 °F to 302 °F)	
Salt Spray	SAEJ1455, Section 4.3.3	
Immersion	Tested per SAE J 1455, Section 4.4.1: Engine oil and additives, Transmission oils, Water, Power steering fluid, Brake fluids, Washer solvent, Gasoline, Diesel fuel, Alcohol, Antifreeze water mixture, Battery acid. Salt water, Kerosene, Ammonia	

#### **Mechanical Specifications**

Recommended Fastener	M4 Cap Screw
Recommended Torque	3 Nm (26.5 in lbs)

#### Products

Part Number	Description	Sensing Range
AS500106	Magnet only	N/A
CU103601	Kit with AN820001 sensor	180°
CU103602	Kit with AN820002 sensor	360°
CU103603	Kit with AN820003 sensor	45°



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