





# MAGNASPHERE<sup>®</sup> HSD

## TECHNICAL SPECIFICATIONS

Sensor Housing: Brushed Anodized Aluminum

Available Colors:  Silver  Black  Gold  
 (Standard) (Optional) (Optional)

Wire Lead Type: 36" Stainless Steel Cable  
 Color Coded Lead Wires.

Dimensions: 4.25" L x 1.5" H x 1.0" D  
 Gap Distance: Max. Operating Gap Distance 1/4"  
 Electric Configuration: In Secure Position –  
 Secure Contacts N.C., Magnet Tamper N.C.,  
 Pry Tamper N.C., Auxiliary N.O.

Loop Type: Closed  
 Maximum Current: .25 A  
 Maximum Voltage: 30 VDC  
 Maximum Power: 3.0 W (without internal terminating  
 resistors). 1.0 W (with internal terminating resistors).  
 Operating Temperature: -40 °C to +80 °C

## INSTALLATION AND CONFIGURATION

- Precision Built to Aerospace Sensor Standards.
- Compatible with Control Panel Models that Accept Contact Inputs.
- Easy Installation Reduces Labor Costs.
- Suitable for Indoor and Outdoor Use.
- Pry Tamper: Sensor is Integrated into the HSD; No Separate Backplate to Install.
- Control Panel Resistor: Integrated into Sensor.

American-Made  
 MAGNASPHERE<sup>®</sup>  
 Switch Technology

## INDUSTRY AWARDS

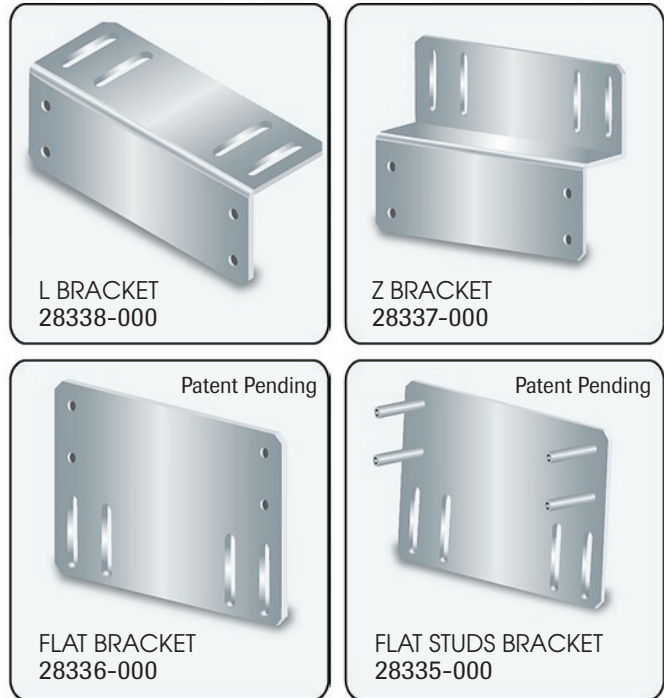
Best of Show Award: ISC Expo  
 Gold Award Sensor Technology: Sensors Expo  
 Best Intrusion Detection: ISC Expo

## PATENTED DESIGN

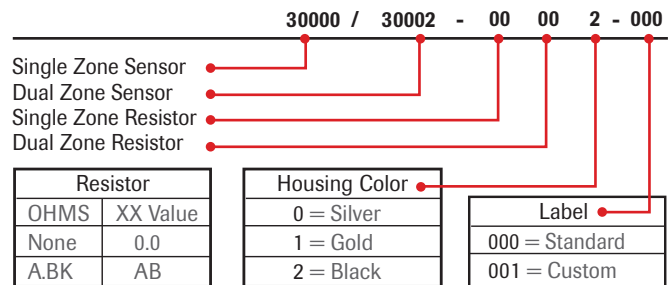
MAGNASPHERE<sup>®</sup> products are covered by one or more of the following U.S. and international patents:

#5332992	#5530428	#5673021
#5880659	#5977873	#6087936
#6506987	#6603378	#6803845
#7023308	and Patents Pending.	

## HSD MOUNTING BRACKETS



## HSD PART NUMBERING SYSTEM



## HSD PART NUMBERING EXAMPLE



<b>30000-00002-001</b>	<b>0000</b>	<b>2</b>	<b>000</b>
Single Zone Sensor	No Internal Resistors	Black Housing	Label
<b>30002-47220-000</b>	<b>30002</b>	<b>0</b>	<b>000</b>
Dual Zone Sensor	4722 Zone 1: 4.7K Resistor Zone 2: 2.2K Resistor	Silver Housing	Label

MAGNASPHERE<sup>®</sup> Corp. has teamed with Harco, Inc., a leading aerospace sensor manufacturer, with the purpose of providing superior performing magnetic contact sensor technology to the residential, commercial, and federal government security markets. The HSD's leading-edge technology aims to set new industry standards for high security sensors while providing an affordable and more effective alternative to reed-based security contacts.

To learn more about the MAGNASPHERE<sup>®</sup> HSD High Security Sensor visit [www.MAGNASPHERE.com](http://www.MAGNASPHERE.com) or call 262-347-0711.