

## CeLAN

# CINCH—Magnasphere Encrypted, Compact High Security Sensor

Item Number:  
Ce-MHSL1-5

New high security sensor integrated with CINCH systems patented CeLAN encryption.

Compact size 4.25" L x 1"W x 1"D  
Level 1 high security sensor.

Advanced AES encrypted protection for new and existing security alarm installations.

Meets UL 634 Level 1 high security for in-swing and out-swing doors.

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## High Security—Smaller Size—Encrypted

Introducing the new Ce- MHSL1-5 High Security Sensor – the Next Generation MAGNASPHERE sensor with CINCH systems encryption technology. Listed to UL 634 Level 1 High Security. New, powerful yet compact size with built-in patented 128 AES encryption module for absolute security and protection from system hack and



Mission-driven performance

SCIFs  
Icon Sites  
Embassies  
Command Centers  
Critical Infrastructure



## Specifications

**Case:** Aluminum, Silver-Gray Color.

**Wire Lead Type:** Solid Color-Coded, 22AWG.

**Switch Contacts:** Hermetically Sealed Switch Contacts, Full Epoxy Potted Assembly.

**Dual Alarm Contacts:** Either Two Closed Loop or One Open Loop / One Closed Loop.

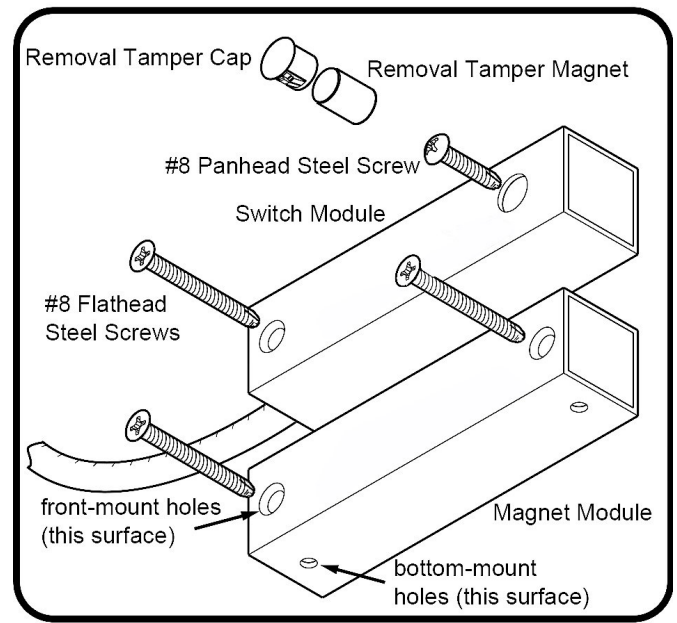
**Integrated Removal Tamper Circuit:** Closed Loop.

**Maximum Current:** 0.25 Resistive.

**Maximum Voltage:** 30 VDC.

**Maximum Power:** 0.250 W.

**Operating Temperature:** -40°C to +80°C



Cut-Away View

## Ce-MHSL1-5 Sensor Dimensions

**A** — Maximum Actuation Gap; 0.25 (6.35 mm)

**C** — 18.0" (457.2mm) X 0.30 (7.6mm)

**L** — 4.25" (107.9 mm)

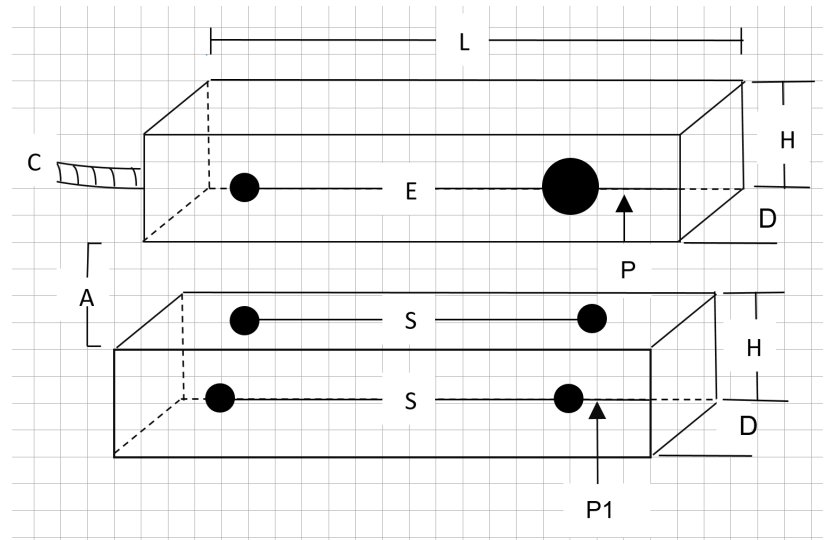
**H** — 1.0" (25.4mm)

**D** — 1.0" (25.4mm)

**P** — 0.82" (20.8mm)

**P1** — 0.40" (10.1mm)

**E** — 3.03" (76.9mm)



Patents:

CINCH systems: #8707059

Magnasphere: #5530428, #6603378, # 8228191, # RE39731