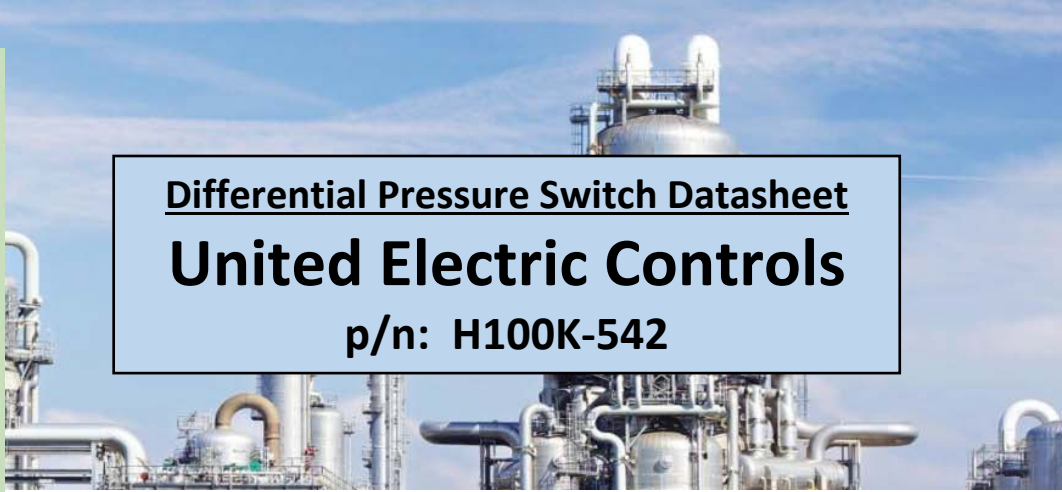




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Differential Pressure Switch Datasheet

**United Electric Controls**

p/n: H100K-542

**FACTORY DIRECT - AUTHORIZED DISTRIBUTOR**

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**UE PART NUMBER: H100K-542**

**ENCLOSURE:** Epoxy Powder Coated  
Die Cast Aluminum  
Captive Cover Screws  
Enclosure Type 4X

<sup>1</sup> **SWITCH:** Single SPDT 15A 125,250,480 VAC Resistive

**ELECTRICAL CONNECTION:** 1/2" NPT Female

**PRESSURE CONNECTION:** 1/8"NPT Female

**PRESSURE CONNECTION MATERIAL:** Epoxy Coated Aluminum

**SENSOR:** Buna-N® Diaphragm

<sup>2</sup> **ADJUSTABLE SET POINT RANGE:** 5 to 50 "H2O Differential

<sup>3</sup> **PROOF PRESSURE:** 400 PSI

**COMPLETE SPECIFICATIONS & OPTIONS:** [United Electric 100 Series Product Catalog](#)

<sup>1</sup> See United Electric Controls catalog for further rating details and optional microswitches.

<sup>2</sup> Low end of range on fall; High end of range on rise.

<sup>3</sup> Proof Pressure: The maximum pressure to which a pressure sensor may be occasionally subjected, which causes no permanent damage. The unit may require calibration.