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**Differential Pressure Switch Datasheet**  
**United Electric Controls**  
p/n: H121K-147

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|                                                                                                                                                                                 |                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>UE PART NUMBER:</b>                                                                                                                                                          | <b>H121K-147</b>                                                                                                            |
| <b>ENCLOSURE:</b>                                                                                                                                                               | Class I, Division 1 and 2, Groups B, C & D<br>Class II, Division 1 and 2, Groups E, F & G<br>Class III<br>Enclosure Type 4X |
| <b><sup>1</sup> SWITCH:</b>                                                                                                                                                     | Single SPDT 15A 125,250,480 VAC Resistive                                                                                   |
| <b>ELECTRICAL CONNECTION:</b>                                                                                                                                                   | 3/4" NPT Female                                                                                                             |
| <b>PRESSURE CONNECTION:</b>                                                                                                                                                     | 1/4" NPT Female                                                                                                             |
| <b>PRESSURE CONNECTION MATERIAL:</b>                                                                                                                                            | Nickel-Plated Brass                                                                                                         |
| <b>SENSOR:</b>                                                                                                                                                                  | Brass Bellows                                                                                                               |
| <b><sup>2</sup> ADJUSTABLE SET POINT RANGE:</b>                                                                                                                                 | 3 to 30 PSID                                                                                                                |
| <b><sup>3</sup> PROOF PRESSURE:</b>                                                                                                                                             | 180 PSI                                                                                                                     |
| <b>COMPLETE SPECIFICATIONS &amp; OPTIONS:</b>                                                                                                                                   | <a href="#">United Electric 120 Series Product Catalog</a>                                                                  |
| <br>                                                                                                                                                                            |                                                                                                                             |
| <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. |                                                                                                                             |

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