



Since 1954

3317 Gilmore Industrial Blvd  
Louisville, KY 40213  
(502) 966-3134

[www.ArcoEngineering.com](http://www.ArcoEngineering.com)  
[Sales@ArcoEngineering.com](mailto:Sales@ArcoEngineering.com)



**Differential Pressure Switch Datasheet**  
**United Electric Controls**  
p/n: J120K-147

**FACTORY DIRECT - AUTHORIZED DISTRIBUTOR**  
Contact us for: Application Assistance, Quotes, to [Place an Order](#)

<b>UE PART NUMBER: J120K-147</b>	
<b>ENCLOSURE:</b>	Class I, Division 1 and 2, Groups B, C & D Class II, Division 1 and 2, Groups E, F & G Class III 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>
<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.	

The information in this document is subject to change without notice and should not be construed as a commitment by ARCO Engineering, Inc. ARCO Engineering, Inc. assumes no responsibility for any errors that may appear on this document. In no event shall ARCO Engineering, Inc. be liable for incidental or consequential damages arising from use of the information described herein.