



Since 1954

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**Differential Pressure Switch Datasheet**  
**United Electric Controls**  
p/n: J120K-542

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<b>UE PART NUMBER: J120K-542</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>	1/8" NPT Female
<b>PRESSURE CONNECTION MATERIAL:</b>	Epoxy Coated Aluminum
<b>SENSOR:</b>	Buna-N <sup>®</sup> Diaphragm
<b><sup>2</sup> ADJUSTABLE SET POINT RANGE:</b>	5 to 50" H <sub>2</sub> O Differential
<b><sup>3</sup> PROOF PRESSURE:</b>	400 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.	

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