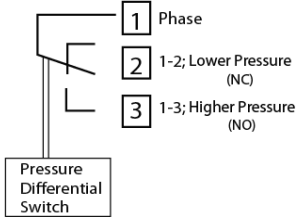


3250e		Product Information																																																																																	
PDE2- Series (dP)		Air Differential Pressure Switch																																																																																	
The PDE2-Series (dP) is designed to measure differential pressure in HVAC systems with non-flammable gases and non-aggressive gases. The control output is 2-point (ON/OFF). The differential switch has an internal set point adjuster. 																																																																																			
Use		Compatible to all common HVAC DDC and Analog Controls systems, with/without Building Automation System Used in all common HVAC applications Monitoring the air dampers in the primary or secondary controls systems Supervision of the status of heating / cooling coils, preventing overheating / freezing Monitoring of fans and fan belts																																																																																	
Features		Sensor with control output 2-point (ON/OFF) Internal set point adjuster Long-term stability of the measuring elements Professional and practical product design, withstands rough environmental conditions Easy to use, install and maintain																																																																																	
Product Range		<table><tr><th rowspan="2">Order Code</th><th colspan="5">Pressure Range</th><th colspan="4">Switching Differential</th><th>Switching Point</th></tr><tr><th>20...200Pa</th><th>20...300Pa</th><th>50...500Pa</th><th>100...1000Pa</th><th>500...2500Pa</th><th>10Pa</th><th>20Pa</th><th>50Pa</th><th>100Pa</th><th>Default Value</th></tr><tr><td>PDE2.NAa</td><td>●</td><td></td><td></td><td></td><td></td><td>●</td><td></td><td></td><td></td><td>100Pa</td></tr><tr><td>PDE2.AAa</td><td></td><td>●</td><td></td><td></td><td></td><td>●</td><td></td><td></td><td></td><td>200Pa</td></tr><tr><td>PDE2.BAa</td><td></td><td></td><td>●</td><td></td><td></td><td></td><td>●</td><td></td><td></td><td>350Pa</td></tr><tr><td>PDE2.CAa</td><td></td><td></td><td></td><td>●</td><td></td><td></td><td></td><td>●</td><td></td><td>700Pa</td></tr><tr><td>PDE2.DAa</td><td></td><td></td><td></td><td></td><td>●</td><td></td><td></td><td></td><td>●</td><td>1500Pa</td></tr></table>						Order Code	Pressure Range					Switching Differential				Switching Point	20...200Pa	20...300Pa	50...500Pa	100...1000Pa	500...2500Pa	10Pa	20Pa	50Pa	100Pa	Default Value	PDE2.NAa	●					●				100Pa	PDE2.AAa		●				●				200Pa	PDE2.BAa			●				●			350Pa	PDE2.CAa				●				●		700Pa	PDE2.DAa					●				●	1500Pa
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All Information and technical data are subject to alteration Thermokon Asia Pacific PDE2- Series (dP) V2.0 Page 1/2																																																																																			

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Sensor Specification	Sensor Specification	Measured Sensor Characteristics Sensor Output (s) Measuring Range (s) Default TOP Switching Point (s) Differential Gap Repeatability Over Pressure Switching Cycles	Differential Air Pressure Passive ON / OFF See Product Range, Page 1 See Product Range, Page 1 See Product Range, Page 1 2% Max. 7.5kPa > 1.000.000						
	Technical Information	Electrical Information Mechanical Information User Interface Color and Materials Environmental Conditions Norms and Directives	Switch Type Terminal Clamp Relay Rating Connection Nozzle Dimension Cable Entry Sensing Element Position Set Point Adjustments Release Button Housing Cover Housing Bottom Lock Screws Lock Nuts Cable Gland Gland Rubber Seal Protection Caps User element Connection Nozzle Diaphragm Operation Temperature Operation Humidity Transport Temperature Transport Humidity Storage Temperature Storage Humidity IP- Rating Safety Class Product Standard 1 Product Standard 2 CE Conformities to CE Electromagnetic Compatibility Emitted Interference CE Electromagnetic Compatibility Interference Resistance RoHS Compatibility Operation Climatic Condition Operation Mechanical Condition Transport to Climatic Condition Transport Mechanical Condition Storage Climatic Condition Storage Mechanical Condition						
Connection	Terminal Connection	<table><tr><td>1</td><td>2</td><td>3</td></tr><tr><td>Phase</td><td>NC / Low Pressure</td><td>NO / High Pressure</td></tr></table> PPE2. AAa / BAa / CAa / DAa / NAa	1	2	3	Phase	NC / Low Pressure	NO / High Pressure	
1	2	3							
Phase	NC / Low Pressure	NO / High Pressure							
Miscellanies	Accessories Shipping & Handling Order Notes	Mounting Kit. Included in delivery Minimum Order Product Dimension (L x W x H) / Weight Transport and Storage dimension (L x W x H) / Weight Multi Pack (PU1) Minimum Order Multi Pack (PU1) Transport and Storage dimension (L x W x H) / Weight Package Material Order Code	2 plastic duct connectors: 2m Soft PVC-hose 1 box with 1 piece 98mm x 95mm x 46mm / 135gr. 100mm x 100mm x 100mm / 245gr. 100 pieces in 2 boxes Switches 500mm x 500mm x 250mm / 16kg ; Assessories 400mm x 400mm x 300mm / 10kg Rigid Cardboards Packaging See Product Range, Page 1, e.g. PDE2.NAa or PDE2.NAa_PU1						

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