


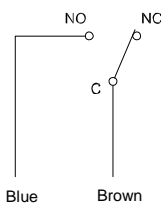
4320e	<b>Product Information</b>	
PPE2- Series (dP)	<b>Water Differential Pressure Switch</b>	

The PPE2-Series is widely used as the water flow controls in water / air cooled chillers and as monitor in water pump and filter of plate heat exchanger, tube heat exchanger and shell heat exchanger.



<b>Use</b>	<p>Compatible to all common HVAC DDC and Analog Controls systems, with/without Building Automation System</p> <p>Water pressure measurement in HVAC water systems</p> <p>Monitoring the flow controls of the ventilation system filters, boilers and air conditioner</p> <p>Used in all common HVAC applications</p> <p>Used in Commercial and Industrial Buildings</p>																																																																																					
<b>Features</b>	<p>Voltage free contact output</p> <p>Fixed single set point differential pressure</p> <p>Pre-setting value cannot be changed to reduce unit fault and wrong installation</p> <p>Various pressure ranges with high precision and reliability</p> <p>Professional and practical product design, withstands rough environmental conditions</p> <p>Easy to use, install and maintain</p>																																																																																					
<b>Product Range</b>	<table border="1"> <thead> <tr> <th rowspan="2">Model</th><th colspan="5">Set Point</th><th colspan="5">Return Differential</th></tr> <tr> <th>0.1bar</th><th>0.2bar</th><th>0.25bar</th><th>0.3bar</th><th>0.4bar</th><th>0.02bar</th><th>0.05bar</th><th>0.06bar</th><th>0.07bar</th><th>0.08bar</th></tr> </thead> <tbody> <tr> <td>PPE2.AA</td><td>•</td><td></td><td></td><td></td><td></td><td>•</td><td></td><td></td><td></td><td></td></tr> <tr> <td>PPE2.BA</td><td></td><td>•</td><td></td><td></td><td></td><td></td><td>•</td><td></td><td></td><td></td></tr> <tr> <td>PPE2.CA</td><td></td><td></td><td>•</td><td></td><td></td><td></td><td></td><td>•</td><td></td><td></td></tr> <tr> <td>PPE2.DA</td><td></td><td></td><td></td><td>•</td><td></td><td></td><td></td><td></td><td>•</td><td></td></tr> <tr> <td>PPE2.EA</td><td></td><td></td><td></td><td></td><td>•</td><td></td><td></td><td></td><td></td><td>•</td></tr> </tbody> </table>										Model	Set Point					Return Differential					0.1bar	0.2bar	0.25bar	0.3bar	0.4bar	0.02bar	0.05bar	0.06bar	0.07bar	0.08bar	PPE2.AA	•					•					PPE2.BA		•					•				PPE2.CA			•					•			PPE2.DA				•					•		PPE2.EA					•					•
Model	Set Point					Return Differential																																																																																
	0.1bar	0.2bar	0.25bar	0.3bar	0.4bar	0.02bar	0.05bar	0.06bar	0.07bar	0.08bar																																																																												
PPE2.AA	•					•																																																																																
PPE2.BA		•					•																																																																															
PPE2.CA			•					•																																																																														
PPE2.DA				•					•																																																																													
PPE2.EA					•					•																																																																												

All Information and technical data are subject to alteration

Sensor Specification	Sensor Specification	Measured Sensor Characteristics Sensor Output (s) Measuring Range (s) Differential Gap Repeatability Max. Pressure Difference Max. Static Pressure Medium Temperature Range Measuring Range (s)	Water Differential Pressure Passive SPDT micro-switch (NO/ NC) Same as set point, see Product Range, Page 1 See Product Range, Page 1 ±1% Max. 5bar Max. 10bar -20°C...+93°C See Product Range, Page 1
	Technical Information	Electrical Information Mechanical Information User Interface Color and Materials Environmental Conditions Norms and Directives	Terminal Clamp Relay Rating Cable Length Cable Diameter Cable Entry Connection Type Sensing Element Position Set Point Adjustments Housing Cover Housing Bottom Diaphragm Cable Gland 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		
Miscellanies	Accessories	None	
	Shipping & Handling	Minimum Order Product Dimension (L x W x H) / Weight Transport and Storage dimension (L x W x H) / Weight Package Material	1 box with 1 piece 100mm x 89mm x 62mm / 605gr. 160mm x 140mm x 75mm / 670gr. Rigid Cardboards Packaging
	Order Notes	Order Code	See Product Range, Page 1, e.g. PPE2.AA
All Information and technical data are subject to alteration PPE2- Series (dP) V1.2			

Thermokon Asia Pacific

Page 2/3

