






APHOX-T-VECTOR

Cable for Eddy Covariance Systems with APHOX-T and Nortek Vector ADVs

Document Version 1.01

The APHOX-T-VECTOR cable allows connecting PyroScience AquapHOx Transmitter devices directly with Nortek® Vector acoustic doppler velocimeters. The AquapHOx Transmitter is powered through the Vector, and the analog outputs of the Transmitter are connected to the analog inputs of the Vector. This allows to synchronously log high frequency oxygen (or temperature) measurements in addition to the current velocities on the Vector to perform Eddy Covariance studies. For details about the configuration of the analog outputs of the Transmitter, please see the manual. For details about the Nortek® Vector, please contact Nortek directly (<https://www.nortekgroup.com/>).

			
<p>MCBH8F</p> 			<p>MCIL8M</p> 
<p>APHOX-T Pin Nr.</p>	<p>Name</p>	<p>Function APHOX-T</p>	<p>Vector Pin Nr.</p>
<p>1</p>	<p>GND</p>	<p>Ground</p>	<p>5</p>
<p>3</p>	<p>VCC</p>	<p>Supply Voltage</p>	<p>6</p>
<p>4</p>	<p>U1</p>	<p>Analog Out 1 (0-5V)</p>	<p>8</p>
<p>6</p>	<p>U2</p>	<p>Analog Out 2 (0-5V)</p>	<p>7</p>

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