

Wind Speed Sensors

Wilmers 0227 - Thies 4.3351.10.000



Standard Setup

Input: **DIN1**
Functions: **vThiFc1 (m/s) = Frequency TTL * 0.046 + 0.2**
(replace slope and offset by individual data from calibration sheet)

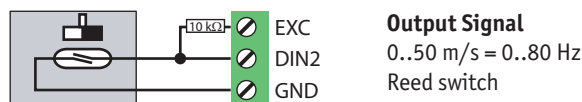
Wilmers 0293 - Heval ECONOMY



Standard Setup

Input: **DIN2**
Functions: **Ws2 (m/s) = Frequency TTL * 0.25 + 0.2**
(replace slope and offset by individual data from calibration sheet)

Wilmers 0281 - RISØ P2546A



Standard Setup

Input: **DIN2**
Functions: **VwRis85m (m/s) = Frequency TTL * 0.62 + 0.2**
(replace slope and offset by individual data from calibration sheet)

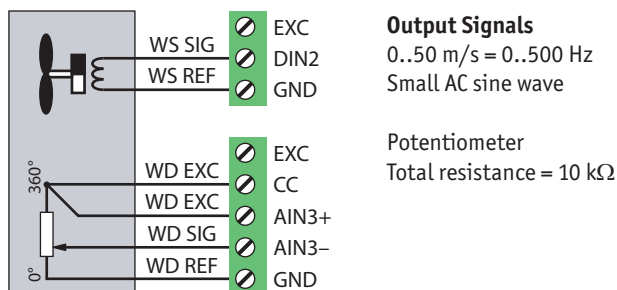
NRG #40 Anemometer



Standard Setup

Input: **DIN3**
Functions: **Ws3 (m/s) = Frequency AC * 0.765 + 0.35**
(replace slope and offset by individual data from calibration sheet)

Wilmers 0271 - R.M.Young 05103 Wind Monitor



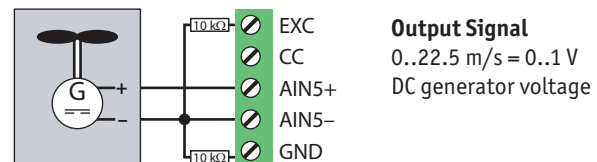
Standard Setup

Input (Speed): **DIN2**
Function: **vWind (m/s) = Frequency AC * 0.098 + 0.2**
(replace slope and offset by individual data from calibration sheet)

Input (Direction): **AIN3**

Function: **Dir (deg) = Direction 0..360 + 0**
(replace 0 by offset to magnetic North)

Wilmers 0276 - R.M.Young 27106T Propeller



Standard Setup

Input: **AIN5**
Functions: **vVertical (m/s) = Voltage * 22.50**
(replace slope and offset by individual data from calibration sheet)

Data Logger blueberry COMPACT: Anemometer Setup Menu

Name	Type	Slope	Offset	Option
DIN1 vThiFc100m (m/s)	= Frequency TTL	* 0.04685	+ 0.224	no offset when zero
DIN2 vThiFc98m (m/s)	= Frequency TTL	* 0.04711	+ 0.233	no offset when zero
DIN3 vThiFc60m (m/s)	= Frequency TTL	* 0.04683	+ 0.218	no offset when zero
DIN4 vThiFc20m (m/s)	= Frequency TTL	* 0.04689	+ 0.221	no offset when zero

Further infos about the
blueberry COMPACT:



For further details please see the data logger manual or visit <http://wilmers.com/blueberry-compact>.

File: 0141-blueberry-COMPACT-Sensor Connections-(Wind Speed)

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