

Plugsensor

Conjunto Sônico



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The **Plugsensor Conjunto Sônico** is a device for measuring climatic parameters using ultrasonic sensor technology for wind direction and speed, relative air humidity, and temperature. The sensor features a design with no moving parts, ensuring greater durability and reduced maintenance needs. Ideal for applications that demand precision, robustness, and continuous reliability.



Standard Sensors

Parameter	Minimum	Maximum	Resolution	Accuracy
Temperature	-40 °C	85 °C	0,01 °C	±0,3 °C
Humidity	0%	100%	0.01% RH	±3%
Wind Speed	0 m/s	40 m/s	0,01 m/s	±0,3 m/s
Wind Direction	0°	359,9°	0,1°	±3°
Precipitation	0 mm/h	200 mm/h	0,1 mm	±10%

Calculated Sensors

Parameter	Minimum	Maximum	Resolution
Heat Index	-30 °C	60 °C	0,1 °C
Dew Point	-20 °C	40 °C	0,1 °C
Delta T	0 °C		0,1 °C
Heat Index	-30 °C	60 °C	0,1 °C

Sensor available only for integration with Plugstation from model WS22 onwards.

