

Plugsensor

Conjunto Sônico Pro



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The **Plugsensor Sonic Pro Pro** delivers precise measurements, ensuring greater durability and minimal maintenance requirements. Equipped with ultrasonic sensors, it monitors wind speed and direction, relative humidity, illuminance, temperature, and rainfall via optical sensor. The sensor features a moving-parts-free design, making it ideal for applications that demand accuracy, robustness, and continuous reliability.



Standard Sensors

Parameter	Minimum	Maximum	Resolution	Accuracy
Temperature	-40° C	85° C	0,01° C	±0,3° C
Relative Humidity	0	100%	0,01%	±3%
Wind Speed	0 m/s	40 m/s	0,01 m/s	± 0,1 m/s
Wind Direction	0°	360°	0,1°	±5°
Optical Rain	0	200 mm/h	0,2 mm	
Illuminance	0 KLux	100 KLux	10 Lux	1% FS

Calculated Parameters

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

Sensor available exclusively for integration with the Plugstation starting from model WS22.

