

Plugstation

Módulo Satelital



Plugsensor Módulo Satelital

The **Plugstation Módulo Satelital** ensures reliable bidirectional satellite communication, enabling stations to send data even in areas without GSM or Wi-Fi coverage. Compatible with multiple GNSS systems (GPS, GLONASS, Beidou, Galileo), it offers secure transmission with low latency. With IP67 protection and high resistance to power surges, it guarantees robustness and accuracy for continuous monitoring.



Technical Specifications

Parameter	Description	
Output Interface	RS485 / Modbus-RTU	
Power Supply	Input Voltage: 9 to 32 V, with surge protection +150V SAE J1455	
	Power Consumption (12 VDC, 27 °C)	IDP Reception: 65 mA
		GPS/Glonass/Beidou/Galileo Reception: 35 mA
		Transmission: 1000 mA
	Standby Mode: 100 µA	
Satellite Communication	Bidirectional Global Satellite Service IsatData Pro	
	"From" SMS Message: 6,400 bytes	
	"To" SMS Message: 10,000 bytes	
	Typical Latency	15 sec / 100 bytes
		20 sec / 1,000 bytes
		60 sec / 6,400 bytes
	Uplink Frequency: 1616.0 to 1626.5 MHz	
Downlink Frequency: 1525.0 to 1559.0 MHz		
EIRP: +7 dBW		
Dimensions	12.6 x 12.6 x 4.9 cm	
Environment	Operating Temperature: -40 °C to +85 °C	
	Impact: MIL-STD-810G	
	Shock: MIL-STD-810G	
Memory	RAM: 4 MB	
	NVM: 6 MB	
Protection	IP67	

Sensor available only for integration with Plugstation from model WS22 and above.

