

# AFTERMARKET TPMS SENSOR

## PRODUCT OVERVIEW

This Tire Pressure Monitoring solution offers high vehicle compatibility with simple just-in-time programming and full OEM functionality. It features a self-learning, angle-adjustable aluminium valve for flexible installation.

Powered by a high-quality lithium button cell, it ensures a long service life and is compatible with all standard diagnostic and programming tools on the market.



## TECHNICAL DATA



MECHANICAL	
Size (without valve)	50x22x12.5mm
Weight (without valve)	29g
Tightness	IP67 Polyurethane potting
Marking	ISO 11469
Battery	CR2032

INTERFACES	
Carrier Frequency	433.945 MHz
RF Protocol	FSK Manchester
Deviation Frequency	±10 kHz
RF bit-rate	11400 bits/s
LF Protocol	ASK Modulation

LEGAL REGULATIONS	
Marking	CE
RF Regulation	FCC/IC RED
RF Regulation	ARIB STD T93

TEMPERATURE RANGE	
Operating	-40 to 125°C
Survival	-40 to 150°C
Storage Battery	0 to 30°C
Battery Lifetime	Depending on Protocol type

MEASUREMENT	
Pressure Range	800 kPa
Pressure Resolution	2.75 kPa
Pressure Accuracy	±20 kPa (0 to 70°C)
Temp. Resolution	1°C
Temp. Accuracy	±3°C (-20 to 70°C)