

HOOK SENSOR

RIM TPMS

PRODUCT OVERVIEW

Our real-time TPMS monitors sudden pressure loss using in-tire sensors with a patented, toolless rim-mounted design. The self-powered sensor provides 24/7 transmission, up to 7 years of lifetime, and measures pressure up to 14 bar (203 psi) in harsh environments. This sensor exists in 2 versions: 434MHz and 315MHz (for the Japanese market).

The system also supports tire mileage tracking, encrypted RFID. It's the cable mounting solution.



TECHNICAL DATA



MECHANICAL		TEMPERATURE RANGE	
Size	137x33x22mm	Operating	-40 to + 125°C
Weight	70g	Storage Battery	0 to 30°C
Tightness	IP67	Battery Lifetime	7 years
Marking	ISO 11469	RADIO FREQUENCY	
Rim Sizes	15" to 16" (with adaptative sole) 17.5" to 22.5"	RF Protocol	FSK Manchester
Standard	IPC 1755	Carrier Frequency	433.920MHz ±100ppm 315.025MHz ±100ppm
MEASUREMENT		FSK Deviation	±11.5kHz ±2kHz
Pressure Range	0 to 1400 kPa	RF bit-rate	11363 bits/s
Pressure Resolution	5.5 kPa	LEGAL REGULATIONS	
Pressure Accuracy	±17 kPa (-40 to 85°C)	Marking	CE
Temp. Range	-40 to 125°C	RF Regulation	FCC/IC RED
Temp. Resolution	1°C	RF Regulation	IEC/EN 62368-1
Temp. Accuracy	±3°C (-20 to 25°C)		