texense
sensors by TEXYS



TPMS-RS21

TPMS Sensor

Pressure measurement			
Range		800 to 9000	mbarA
Accuracy		±20	mbar
Resolution		4	mbar
Max proof pressure		9	barA
Internal temperature measurement			
Range		0 to 110	°C
Accuracy	0 to 85°C	±0.5	°C
	85 to 110°C	±5	°C
Relative Humidity Measurement			
Accuracy		±2	%RH
Resolution		0.1	%RH
Air temperature measurement			
Range		0 to 130	°C
Accuracy		±0.3	°C
Resolution		0.1	°C
RF features			
RF frequency		433	MHz
RF emission power		8	dBm
Electrical features			
Battery Rating Voltage		3.6	V
Battery capacity @25°C		400	mAh
Max current consumption @25°C	Production storage	2	µA
	Stationary cold mode (10 second period)	30	µA
	Stationary hot mode (10 second period)	30	µA
	Moving mode (1Hz)	0.3	mA
	Transient mode (2Hz)	0.6	mA

Texense sensors are designed for data logging. Should the users want to include this sensor in a closed loop system, they must undertake total responsibility from doing so.

Mechanical drawing

