

ANA2WS4

Analog to Wireless converter with 2 single-ended channel inputs
To use with GenWM master

Ref: ANA2WS4

SN: U#####

Software version: v###

Paired master : SN U#####

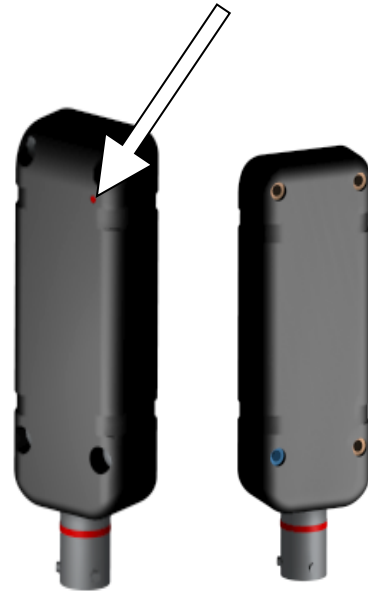
Texys products are designed for data recording. If the user wants to include this sensor in a close loop system or active control, he must assume all responsibility.

Range	0-5	V
Resolution	1	mV
Accuracy	±3	mV
Sampling frequency	10 to 100	Hz
Internal temperature resolution	0.5	°C
RF Frequency	868 MHz/902MHz/920MHz	
Receiver Sensitivity	-112 dBm	
RF Emission Power	0 to 14 dBm (1 to 20mW) (Default setting 14dBm)	
Battery Rating Voltage	3.6	V
Battery capacity @25°C	750	mAh
Average current consumption @25°C	Idle mode : 0.5 Run mode 10Hz : 9 Run mode 50Hz : 15 Run mode 100Hz : 20	mA
Dimensions	56x22x14	mm
Material	PR751	
Weight	25	g
Protection	IP64	
Vibration test	20Gpp 5'	
Shock	500	G
Operating Temp	-20 to +85	°C
Storage Temp	-20 to +85	°C

Sensor Readings		
Reference	ANA 1	ANA 2
@100 mV		
@4900 mV		

Setup parameters		
RF channel jump sequence	0	-
System ID	0	-
Slave ID	1	-
Accelerometer idle threshold	500	mG
Accelerometer wake-up threshold	750	mG

Wireless communication indicator



Connector: ASL106-05SN-HE
Mating connector: ASL606-05PN-HE

Connector to sensors

ASL006 Pin out	
PIN	Signal
1	+3V output supply
2	GND
3	Ana 1 input
4	Ana 2 input
5	Shutdown (to be shorted to GND)



Power Shutdown Connector
- Plugged: the device is OFF.
- Unplugged: the device is ON

Changing parameters

Must be setup according to Texense's CAN protocol, or by using the Texense Android Smart Tool (tAST®) with your android device. Contact us at info@texense.com

Sensor parameters:

N°	Parameter	Raw values	Comments	Default value
0x80	RF channel jump sequence	0 to 2		Default : 0
0x81	System ID	0 to 15		Default : 0
0x82	Slave ID	1 to 22		Default : 1
0x87	Accelerometer idle threshold	0x00 to 0xFF	15.63mG/bit	Default : 0x20 (500mG)
0x88	Accelerometer wake-up threshold	0x00 to 0xFF	15.63mG/bit	Default : 0x30 (750mG)