

## WI-T24-ACM

## RADIO TRANSMITTER FOR ANALOG SIGNAL

WIRELESS-T24-ACM exists in 3 versions: ACM-SA for mV/V signal, ACM-IA for 4..20mA current signal, ACM-VA for 0..10 V voltage signal



### Features

- o Frequency : from 2.4000 to 2.4835 GHz
- o Licence : Exemption
- o Data rate : 250 Kbits/s
- o Power : 10 mW
- o Range : 500 m open field
- o Antenna : integrated
- o High accuracy
- o High resolution
- o Options :
  - external antenna (800 m open field)
  - temperature measurement

### Applications

WIRELESS-T24-ACM of SENSY is perfectly designed to the following applications

- Wireless transmission of the signal of a load cell installed on mobile equipment.
- Remote display of the load lifted by a crane.

### Functions

- Possibility of linearization of the sensor signal
- Ability to stand by
- Ability of activation by radio
- Remote control of the batteries

Specifications	T24-ACM-SA	T24-ACM-IA	T24-ACM-VA	
Input range	0...± 3.2 mV/V	0...21mA	0...10VDC	-
Power supply	2.1...3.0...3.6 VDC	2.1...3.0...3.6 VDC	2.1...3.0...3.6 VDC	-
Autonomy @ normal mode (2 batteries)	3.5**	4.5	4.5	-
Autonomy @ 12 x 5mn/day mode (2 D batteries)	5	> 9	> 9	years
Impedance of Wheatstone bridge	85...5000			Ohm
Input resistance		47	100000	Ohm
Service temperature range	-40...+85	-40...+85	-40...+85	C
Linearity error	<= ± 0.003	<= ± 0.003	<= ± 0.003	% F.S.
Temperature coefficient of the sensitivity	< + 0.005	< + 0.05	< + 0.05	% F.S./10 C
Temperature coefficient of zero signal	<= ± 0.004	<= ± 0.005	<= ± 0.005	% F.S./10 C
Converter rate	10...1000 ms	10...1000 ms	10...1000 ms	-
A/D converter	16.000.000 div	16.000.000 div	16.000.000 div	-

\*\* : With a Wheatstone bridge of 350 Ohm  
Specifications can be changed without notice