

T24-AO1

WIRELESS ANALOGUE OUTPUT RECEIVER MODULE

WIRELESS-T24-AO1 and WIRELESS-T24-AO1i converts data from a WI-T24-ACM module into an analogue output.



Features

- Voltage and current output
- Frequency: 2.4 GHz
- Power: 10 mW
- License: Exemption
- Up to 2000 updates / s
- High accuracy
- High resolution
- Industrial & desktop versions available

Applications

- Reception of an analogue signal transmitted by a load cell with WI-T24 ACM option.
- Wireless reception of a process signal (4..20 mA or 0..10 V) from a mobile equipment

Functions

- One to one transmission
- WI-T24-AO1 and WIRELESS-T24-AO1i provide both output signal:
 - o Voltage: 0..5V, 0..10V, -5..0..+5V, -10..0..+10V
 - o Current : 4..20mA, 0..20 mA source and sink

Specifications	T24-AO1-V	T24-AO1-mA	T24-AO1/i-V	T24-AO1/i-mA	
Nominal range of excitation voltage	9..32	9..32	9..32	9..32	VDC
Consumption	100 mA (typ.)	100 mA (typ.)	100 mA (typ.)	100 mA (typ.)	-
Internal resolution	65000	65000	65000	65000	div.
A/D converter	16	16	16	16	-
Temperature coefficient of the sensitivity	± 0.15	± 0.3	± 0.15	± 0.3	% F.S./10 C
Temperature coefficient of zero signal	± 0.15	± 0.2	± 0.15	± 0.2	% F.S./10 C
Linearity error	±0.01	±0.02	±0.01	±0.02	% F.S.
Load resistance	>= 5000	<= 500	>= 5000	<= 500	Ohm
IP Rating	IP50	IP50	IP67	IP67	-
Range	Up to 100m	Up to 100m	Up to 800m	Up to 800m	-

Specifications subject to change without notice