



## Specifications

### Measurement Specifications

Strain gauge system	4 wire
Strain gauge excitation	5 Vdc
Strain gauge resistance (min )	85 Ω
Strain gauge sensitivity (max)	3.2 mV/V
Offset temperature stability (max)	4 ppm/°C
Gain temperature stability (max)	5 ppm/°C
Non linearity before linearization (max)	25 ppm of FR
Internal resolution/Bits	16,000,000 / 24
Noise free resolution/Bits at 1 sample per second	8,000/ 13
Transmission rate	2000Hz

### Battery Life

Based on transmitting results at 3 per second , 350R strain bridge	
Pair AA cells constantly on	30 hours
Pair AA cells 12 sessions per day of 5 mins	30 days
Pair DD cells constantly on	5.5 days
Pair DD cells 12 sessions per day of 5 mins	4.5 months

### Power Supply

ACMi and OEM module	2.1 to 3.6 Vdc
ACM	5 to 18 Vdc

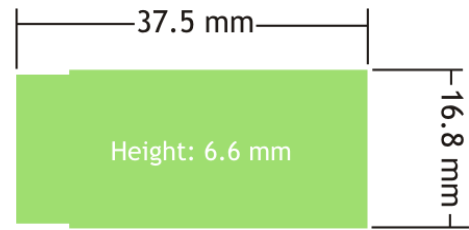
### Radio

Radio type	Licence exempt transceiver
Radio frequency	2.4 GHz
Transmit power	10 mW
Range	Up to 800 m

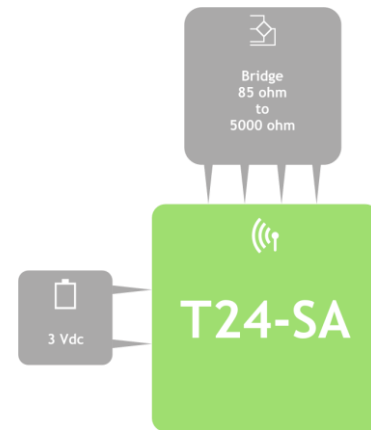
### Environmental

Operating temperature range	-20 to 55 °C
Storage temperature range (no batteries)	-40 to 85 °C
Maximum humidity	95% non-condensing
IP rating (ACM and ACMi)	IP67/Nema4

## Mechanical



## Electrical



## Order Codes

### T24-Safe

Wireless strain bridge (fast) OEM transmitter module for external antenna

### T24-Safi

Wireless strain bridge (fast) OEM transmitter module with antenna

### T24-ACM-SAf

Wireless strain bridge (fast) transmitter module in IP67 enclosure supporting two D batteries or external power supply.

### T24-ACMi-SAf

Wireless strain bridge (fast) transmitter module in IP67 enclosure for two AA batteries

### T24-ACMm-SAf

Wireless strain bridge (fast) transmitter module in miniature IP50 enclosure

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