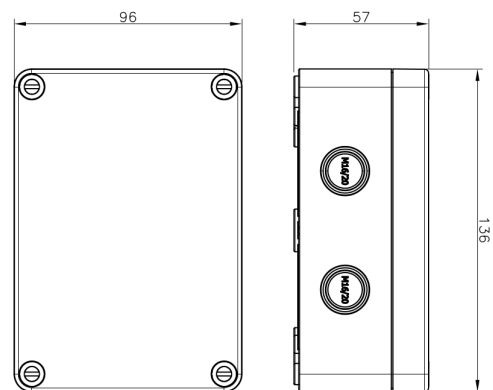# WIRELESS SINGLE CHANNEL INPUT MODULE

The TW-MI-S-01 Taurus Wireless Input Module has a single fully monitored input circuit which allows simple integration of third party equipment with the fire system. The unit is fully compatible with all Argus Taurus Translator and Expander modules and the adaptive radio signal processing algorithms ensure the highest levels of life safety and system reliability.

KEY FEATURES

- Bi-directional wireless communication
- Input circuits are fully supervised for alarm and fault conditions (utilizing eol resistors)
- 22 pairs of field channels
- Dual channel redundancy
- Long communication range ($\cong$1 km in open air)
- 10 year battery life
- Utilises dual low cost lithium battery
- Easy scan & link programming option
- 3rd party approval to EN54-25 & EN54-18
- 5 year product warranty

TECHNICAL INFORMATION

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136

TECHNICAL SPECIFICATION

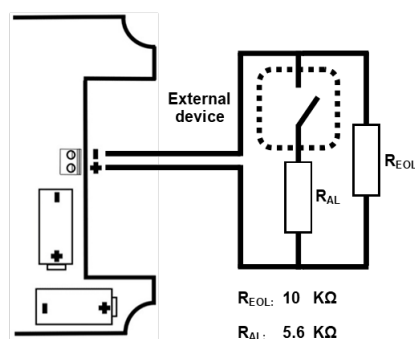|	
Operating frequency range	868 – 870 MHz
Max radiated power	14dBm (25mW)
IP rating	65
Cable entry knockout holes	6 x M16/20
Applicable wire gauge range	0.5 mm2 to 2.5 mm2
Weight (without batteries)	221 g
Batteries	2x CR123A (3 V & 1.2 Ah)
Battery lifespan (typical)	10 years
Dimensions	136 mm x 96 mm x 57 mm
Operating Temperature	-10°C to +55°C
Max humidity (non condensing)	95% RH
Alarm Supervision Resistor	5.6K
EOL Supervision Resistor	10K

STANDARDS & APPROVALS

- EN54-18: Input / Output Devices

- EN54-25: Components using radio links and system requirements

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CONNECTIONS AND CONFIGURATIONS

Electrical scheme for the connection of the input module to the external device which transmits the input signal to the module.

External device

R_{EOL}

R_{AL}

R_{EOL}: 10 KΩ

R_{AL}: 5.6 KΩ

ORDER CODE

TW-MI-S-01   TAURUS WIRELESS SINGLE CHANNEL INPUT MODULE