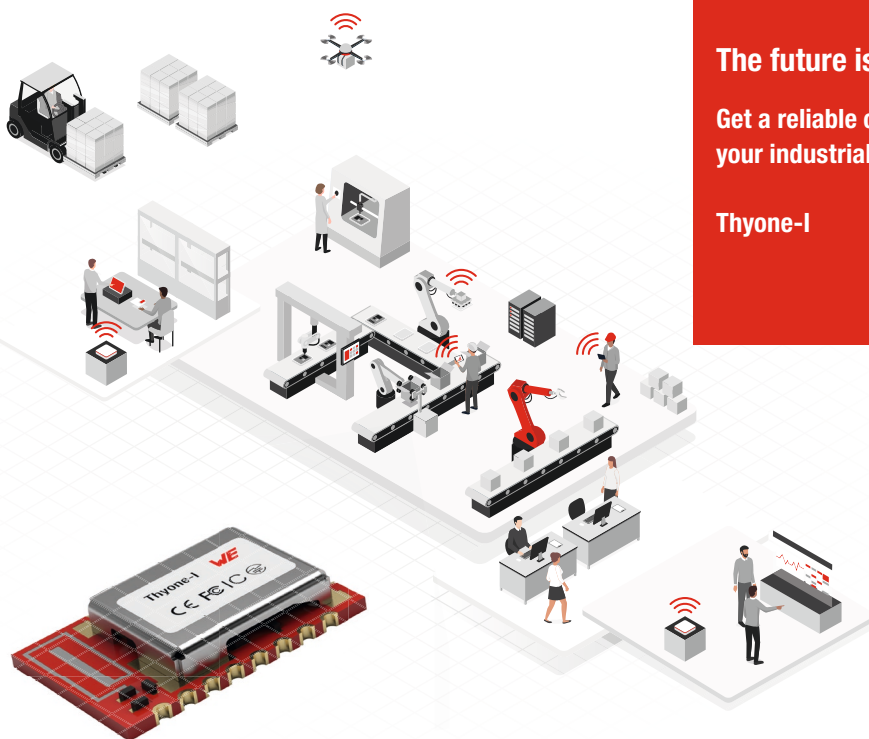


# 2.4 GHz proprietary radio module – Thyone-I

**The future is wireless**

**Get a reliable connection for  
your industrial application**

**Thyone-I**



Long life battery driven application  
with sleep current = 0.4  $\mu$ A



Global availability 2.4 GHz  
license free band



Mesh



Nano SIM size -  
8 x 12 x 2 mm



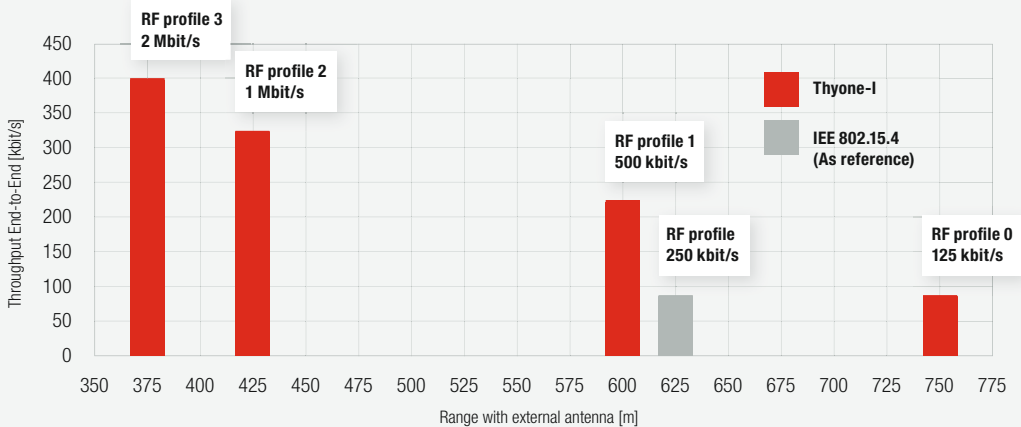
# Thyone-I

## 2.4 GHz proprietary radio module



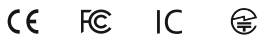
<p>High throughput with up to 400 kbps end-to-end</p>	<p>Long range with up to 750 m</p>	<p>Secure boot and encryption</p>	<p>Control the GPIOs via remote and local access</p>
<p>Easy serial cable replacement</p>	<p>Collision avoidance (CCA)</p>	<p>Test modes for RF measurements</p>	<p><b>Thyone-I</b></p>

### Choose between long range and high throughput



## General Services

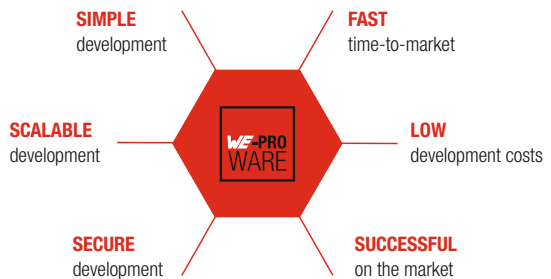
### Precertified module



### Development tools

- Evaluation-Board
- Software Development Kit
- User Friendly Manuals
- App-Notes
- PCB Libraries

### Advantages of the Würth Elektronik Firmware



For requests please contact: [wireless-sales@we-online.com](mailto:wireless-sales@we-online.com)

