



Digital Matter
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 Bryanston, 2021

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 Bryanston, 2021

EU Declaration of Conformity

We, Digital Matter (incorporated in Republic of Australia) External profit company, Trading as Digital Matter Embedded (South Africa),

Of, Kingsmead building, Cnr Meadowbrook and Sloane Rd, Bryanston, South Africa, 2021,

Declare under our sole responsibility that the products:

- **Oyster Sigfox RCZ1**

Are in compliance with the essential requirements and other relevant provisions of

- Radio Equipment and Telecommunications Terminal Equipment Directive 1999/5/EC

Technical Specifications	Product Code - Oyster Sigfox RCZ1
Sigfox Radio Module:	Wisol WSSFM10R1AT
Sigfox Radio Operating Frequencies	Frequencies: - TX: 868.130 MHz - RX: 869.525 MHz Modulation: BPSK Channel spacing: 192kHz Antenna type: Antenna gain:
GNSS Receiver:	u-blox MAX-8Q
GNSS Bands:	GPS/QZSS L1 C/A; GLONASS L1 FDMA; SBAS: WAAS, EGNOS, MSASA
Power Supply:	Replaceable 3 x 1.5V AA cells, no external power
Firmware	V1.8
Clarification of module function:	GNSS provided by u-blox MAX-8Q Sigfox communication provided by Wisol module.

Essential Requirements – Radio Equipment and Telecommunications Terminal Equipment Directive 1999/5/EC	
Health and Safety	EN 60950-1:2015 + A1:2009 + A2:2013 applies to safety of information technology equipment, including electrical business equipment
EMC	EN 301-489-1: V2.2.0 (2017-03) EMC standard for radio equipment and services EN 301-489-3: V2.1.1 (2017003) Specific conditions for short-range devices operating on frequencies between 9kHz and 246GHz
RF Spectrum Use	EN 300 220-1 V3.1.1 (2017-02) EN 300 220-2 V3.1.1 (2017-02)
Other	EN 62479: 2010 (RF Exposure)



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Examination of the technical document by a notified body is pending. The technical documentation relevant to the above equipment will be held at:

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