GET.Trakka

USER MANUAL

January 2023

SEN_GET_P1_5.5

GET SENSOR TAG

The **SEN_GET_P1_5.5** is a consumable RFID sensor tag for the GET Trakka breakage detection solution. Designed to be embedded inside Ground Engaging Tools for active monitoring of digger wear components during operation and built for extreme mining conditions. This **SEN_GET_P1_5.5** wirelessly transmits data to the receiver via RF transmissions and is activated/deactivated using the portable reader.

	SEN_GET_P1_3.5_920, SEN_GET_P1_5.5_920
Operating Frequency / Bandwidth	920 – 925 MHz
Channels	4 Selectable
Channel Spacing	1 MHz
RFID Type	Active
Transmitter / Receiver / Transceiver	Transceiver
Transmission Power	10 mW (Max) - Fixed
Transmission Time	1.5 ms
Transmission Frequency / Period	1.0 Hz / 1s
Duty Cycle	0.15 %
Battery Type	Poly-Carbonmonofluoride Lithium Coin-Cell Battery
Nominal Voltage	3 V
Nominal Capacity	1000 mAh (1-year active tag life)
Product Operating Temperature	-10 to +120 °C
Dimensions	Outer Diameter: 40 mm, Height: 40 mm
Weight	50g
Accessories	**NA**

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required.

Warning: Any changes or modifications not expressively approved by the grantee could void the user's authority to operate this equipment.
This equipment complies with the FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and all persons during normal operation.

For assistance, email **support@crdigital.com** or call **(+61) 1300 33 8482**