

## SensorLink ELECTRIC TOOL SENSOR IM3010



SensorLink electric tool sensor is a wireless device that makes your electric tools visible to NAS Analytics Platform.

Small and light sensor with durable polyamide body is attached on the 5.5mm-7mm power cord.

Having no interference on working conditions it measures real-time consumption and trigger-time, which is transferred over SensorLink to the Analytics Platform and enables to set up reports based on that information.

# OVERVIEW

## Efficient

Sensor is equipped with batteries and is maintenance-free during product lifetime.

## Intelligent

Real-time usage data is gathered wirelessly and processed automatically. Data is accessible on any PC or smartphone connected to internet.

## Robust design

Small, light, yet durable polyamide body which clips together around the wire, having no interference on working conditions.

## Plug and play

Easily mountable with automatic discovery. No additional software needed.

# FEATURES

- Wireless data transmission
- Lifetime up to 2 years
- Current measurement 230W-3.6kW @230V
- For 5.5mm-7mm cables
- Trigger time measurement
- Worker identification
- Ambient temperature measurement
- Sensor internal data recording for off-site usage
- Firmware OTA upgradable
- Efficient clip-on wire design

# APPLICATIONS

## Tool lifecycle management

Detailed overview of working cycles with exact trigger time, consumption details and notifications of upcoming maintenance deadlines to prolong tools' lifetime.

## Vibration monitoring and HAVS prevention

Preventing Hand-Arm Vibration Syndrome by gaining daily vibration exposure level overviews for every employee.

## Tool identification and inventory management

Default user and location assignment to each tool with real-time stock management.

## Presence monitoring

Tools with attached SensorLink sensors connect with SensorLink Gateway as soon as they reach it's signal range and can be monitored live.

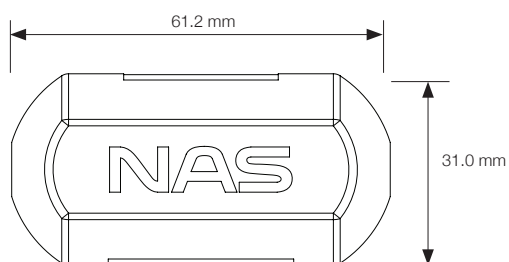
# SPECIFICATIONS

Length :	61.2 mm
Diameter:	31.0 mm
Cable diameter:	5.5mm-7mm
Weight:	30 g
Operating temperature:	-10°C ... +50°C
RF range:	up to 50 m*
Trigger current:	1A/230W @ 230V
Battery lifetime:	up to 2 years*
Max. working current:	16A/3.6kW @ 230V
Body material:	Reinforced polyamide Type 6
Cleaning recommendation:	Alcohol-based liquids and soft tissue
Communication:	2.4 GHz NAS SensorLink 3 protocol / Bluetooth LE

\* Battery lifetime and signal range are largely dependent on the location and usage. Low temperature reduces battery life. Reinforced and metal walls block reception. Industry average is shown on datasheet.

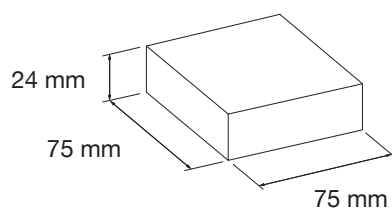
# DIMENSIONS / PACKAGING

## Dimensions

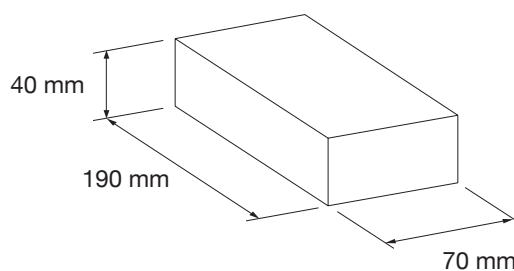


## Packaging

### 1 pcs box



### 5 pcs box



# ORDERING INFORMATION

Article / SKU	Package qty	Material	Cable diameter
IM3010A#0001EC	1	PA	5.5mm-7mm
IM3010A#0005EC	5	PA	5.5mm-7mm

# CONTACT INFORMATION

Nordic Automation Systems AS

[www.nasys.no](http://www.nasys.no)

[info@nasys.no](mailto:info@nasys.no)

HAVS information

[www.stophavs.com](http://www.stophavs.com)

