

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.

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.

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

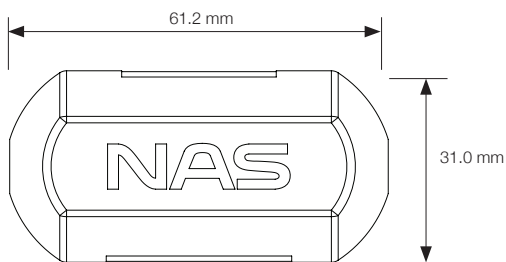
SPECIFICATIONS

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

* 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.

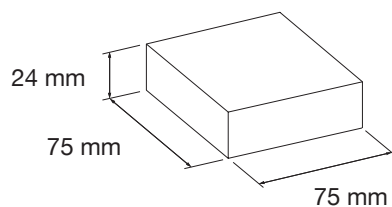
DIMENSIONS / PACKAGING

Dimensions

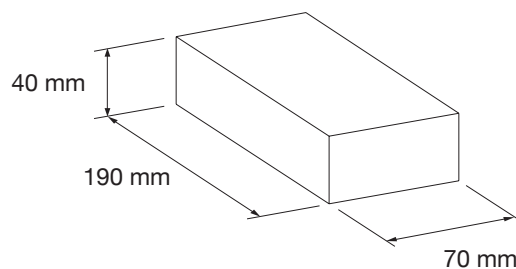


Packaging

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

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