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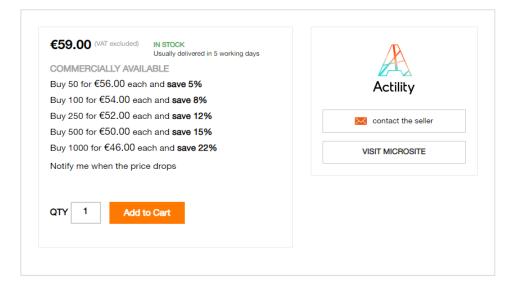
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NKE Smart Pilot Wire 50-70-027 EU868

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Key features highlights:

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- BENEFITS and KEY FEATURES
 - LoRaWAN, Class C
 - Easy to use and deploy
 - Active load monitoring and control
 - Data compression for batch status report
 - Class II protection
- QUALITY and RELIABIITY
 - CE Compliant
 - RoHS compliant
 - Radio-equipment directive 2014/53/UE
- APPLICATIONS
 - o Smart Building, Electric heater and water heater remote management
 - o Demand side management, active load control ON/OFF of any devices driven by a relay
 - Smart Lighting, Switch ON/OFF street light
 - HVAC and building management, monitor and control

Description:

All NKE sensors implement a powerful ZigBee-like application layer which allows for configurable change of value (CoV) reporting of all attributes, based on value change threshold and minimum and maximum reporting intervals. The binary format of the NKE ZCL-like application layer implements many of the clusters of the ZigBee Cluster Library. In addition all NKE sensors support "batch reporting": a powerful data-series compression feature in the sensor which decreases the amount of data transferred and related energy consumption by typically over 95%. NKE sensors also implement listen-before-talk feature which is useful when doing dense sensor deployments.

The SMART PILOT WIRE is a Class C LoRaWAN actuator that monitors and control up to 6 operating mode for any electric heater as well as any active load ON/OFF driven by a relay.

The Class C LoRaWAN SMART PILOT WIRE is a long range, high performance and high quality wireless actuator having two specific operating mode:

- 1. Smart pilot wire actuator to monitor and control electricheaters
- 2. Switched relay to monitor and control any devices connected to the relay (street lights, residential lights, pumps, fans, valves, motors, generators, ...

When operating as a SMART PILOT WIRE, the actuator control up to 6 heating modes $\,$

- o Comfort: track, monitor and report the temperatureset point of theheater.
- Eco: temperature set and track 4°C below the temperatureset point of theheater
- Anti-freeze : maintain roomtemperatureat +5°C
- Stop :no heating
- Comfort
 - Temperature set and track 1°C belowthetemperatureset point of theheater
 - Temperature set and track 2°C

The SMART PILOT WIRE status can be locally stored, concatenated and compressed. This unique batch mechanism significantly reduce the amount of data transmission when reporting the status history of the SMART PILOT WIRE output.

Product information Reviews Seller Questions Seller Actility SKU 44-308 Seller SKU DENKE1800EU - 50-70-027-001 **Product Attributes** Bridges **RF Region** EU868 - Europe 863-870MHz LoRa Class Class B Solution Represented Energy and Utilities, Home, Facilities Management, Other RF transceiver SX1272 Depth (cm) 7.5 Width (cm) 4 Height (cm) 2 Datasheet url (wysiwig preferred) Product Datasheet • Temperature-Humidity-Lux Sensor- RoHS Certificate Certification LoRa® Alliance, CE, RoHS Lead-time if backordered (in working days) 40 Is available for sale Yes Lead-time if in Stock (in working days) 5 Seller conditions Seller commercial condition Seller shipping condition



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