



Home &gt; Devices &gt; Smart Building &gt; NKE Smart Pilot Wire 50-70-027 EU868

# NKE Smart Pilot Wire 50-70-027 EU868

Be the first to review this product



NKE Smart Pilot Wire 50-70-027 EU868



Favorite



Compare



Share

**€59.00** (VAT excluded) **IN STOCK**  
Usually delivered in 5 working days**COMMERCIALLY AVAILABLE**Buy 50 for €56.00 each and **save 5%**  
Buy 100 for €54.00 each and **save 8%**  
Buy 250 for €52.00 each and **save 12%**  
Buy 500 for €50.00 each and **save 15%**  
Buy 1000 for €46.00 each and **save 22%**

Notify me when the price drops

QTY **Add to Cart**

contact the seller

**VISIT MICROSITE**

## Key features highlights :

- **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 RELIABILITY**
  - CE Compliant
  - RoHS compliant
  - Radio-equipment directive 2014/53/UE
- **APPLICATIONS**
  - Smart Building, Electric heater and water heater remote management
  - 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 aSMART PILOT WIRE, the actuator control up to 6 heatingmodes

- 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
<b>Seller</b>		Actility
<b>SKU</b>		44-308
<b>Seller SKU</b>		DENKE1800EU - 50-70-027-001
<b>Product Attributes</b>		Bridges
<b>RF Region</b>		EU868 - Europe 863-870MHz
<b>LoRa Class</b>		Class B
<b>Solution Represented</b>		Energy and Utilities, Home, Facilities Management, Other
<b>RF transceiver</b>		SX1272
<b>Depth (cm)</b>		7.5
<b>Width (cm)</b>		4
<b>Height (cm)</b>		2
<b>Datasheet url (wysiwig preferred)</b>		<ul style="list-style-type: none"> <li>• Product Datasheet</li> <li>• User Manual</li> <li>• Temperature-Humidity-Lux Sensor- RoHS Certificate</li> </ul>
<b>Certification</b>		LoRa® Alliance, CE, RoHS
<b>Lead-time if backordered (in working days)</b>		40
<b>Is available for sale</b>		Yes
<b>Lead-time if in Stock (in working days)</b>		5
<b>Seller conditions</b>		Seller commercial condition Seller shipping condition



**Marketplace**

FAQ  
Contact-us

**Solutions**

Datavenue  
Live Objects  
Connectivity solution

**Orange sites:**

Orange Developer  
Orange.com  
Orange-business.com

