thermokon®

HOME OF SENSOR TECHNOLOGY

30 1987–2017 thermokon®

EasySens®

THE SELF-POWERED INTELLIGENT WIRELESS SYSTEM

BATTERY LESS

enocean®

EasySens®

The Self-Powered, Intelligent Wireless System

SELF-POWERED.

Thanks to the Energy Harvesting technology EasySens® enables a self-powered operation of products. The necessary energy is harvested from the sensor environment by:

» integrated solar cells
» kinetic energy

INTELLIGENT.

EasySens® transmitters and receivers communicate autonomously

» Device status can be synchronized periodically or through parameter configuration

» Bidirectional communication of self-powered devices using SmartACKNOWLEDGE SmartACK

WIRELESS SYSTEM.

Thanks to EasySens® variable room layouts, reconstructions during running hotel operation or renovations in heritage-protected buildings are no challenges any more.

» No time-consuming installation – no wiring

» Low material costs enabling cost-effective system solutions

EnOcean ALLIANCE.

In spring 2008, leading companies of the building technology industry formed the EnOcean Alliance.

As a founder member and promoter, Thermokon is able to keep up with the latest trends and developments with battery-less RF technology and to develop new and innovative products.

enocean alliance Member

The Wireless System (Transmitter and Receiver)

ADVANTAGES.

» Cost savings due to Energy Harvesting: Producing energy from the sensor environment

» Flexibility with sensor location – quick and easy mounting and commissioning

» Reduction of fire load – no need for wires

» Easy integration into existing buildings – no wiring

» High-end designs and direct mounting to all surfaces

» Compatibility to other manufacturers: International Standard (IEC 14543-3-10)

TOOLBOX

airConfig airScan

BACnet digitalSTROM ETHERNET KNX LONMARK Modbus

INTEROPERABLE SYSTEMINTEGRATION

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