

Product data sheet

EnOcean radio transmitter, 2-channel



Reference number

ENO A 590 AL

EnOcean radio transmitter

2-channel
including mounting plate, adhesive film and fastening screw

Intended use

- Radio transmitter for the transmission of switching, dimming or shutter commands to radio receivers of the EnOcean radio system
- Mounting on flush box with dimensions according to DIN 49073, screw fixing on walls or adhesive fixing on smooth, even surfaces (glass)

Product characteristics

- Battery-free device without external power supply
- Transmitting energy is generated from mechanical energy of actuation (energy harvesting)
- Configuration interface: NFC Forum Type 2 Tag (ISO/IEC 14443 Part 2 + 3)
- Optional: Encrypted transmission with AES-128 and sequence counter

Technical data

Carrier frequency:	868 MHz (ASK)
Transmission range	
in free field:	up to 300 m
in buildings:	approx. 30 m
Transmitting power:	-1.9 dBm / 0.7 mW
Ambient temperature:	-5 ... +45 °C
Storage/transport temperature:	-25 ... +65 °C
Atmospheric humidity:	0 ... 95 % (no condensation)



Thermoplastic (breakproof) lacquered

Colour:
aluminium

Material:
thermoplastic lacquered



Individual colour printing possible



Individual laser engraving possible