

PRODUCT
UPGRADE

THE HOME OF INNOVATION.

Eltako

THE WIND SENSOR THAT DOESN'T JUST GET OUT OF SERVICE

THANKS TO ITS INTEGRATED HEATING SYSTEM, THE WSH RELIABLY DETECTS WIND – EVEN IN SUB-ZERO TEMPERATURES

The **WS** wind sensor is being replaced by the new **WSH**.

The WSH is the direct successor with enhanced technology and an optimised pricing.

WHAT'S NEW?

- **Integrated heating**

For reliable operation even in frost, ice, and snow.

- **Improved operational reliability**

Precise wind monitoring even in extreme weather conditions.
Reliable wind measurement even in winter operation.

- **Optimised price-performance ratio**

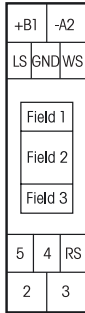
More features – at a significantly lower price.

WIND SENSOR WITH INTEGRATED HEATING WSH

DIGITAL SETTABLE LIGHT-TWILIGHT RAIN WIND SENSOR RELAY LRW12D-UC



Manuals and documents in further languages:
<https://eltako.com/redirect/WSH>



Manuals and documents in further languages:
<https://eltako.com/redirect/LRW12D-UC>

WSH

Wind sensor with integrated heating

Function:

- Generates a pulse sequence depending on the rotational speed of the wind turbine
- Pulse evaluation via the **LRW12D** sensor relay
- Upon frost detection, the integrated heater activates automatically, if a 24 V power supply is connected. Heating power: 4,1W.

Technical data:

- Standby loss: 0,1W
- Dimensions wind sensor: 111 mm (diameter) x 125 mm (height)
- Dimensions of mounting bracket: 115 mm (length) x 33 mm (width) x 70 mm (height)
- Protection class: IP54
- Ambient temperature: -20 °C to +65 °C
- Mounting via factory-pre-installed mounting bracket
- Connection: 5 m factory-connected, 4-core cable
- Includes bracket for light sensor **LS**
- Heating supply voltage: 24 V DC, e.g., **SNT15-24VDC/15W**

NEW

LRW12D-UC



Light-twilight rain wind sensor relay, 4 OptoMOS semiconductor outputs 50 mA/12..230 V UC. Standby loss 0.05-0.5 watt only.

General

- Modular device (DIN rail TH35), 1 Module (18 x 58 mm)
- Power supply: 12-230 V AC

Function

- Sensor relay for evaluating: Light sensor (LS), Rain sensor (RS), Wind sensor (WSH)
- Sends control commands to downstream actuators (EGS12Z-UC/EGS12Z2-UC)

Connection

- Only one connection per sensor
- Set unused sensors to OFF in the menu
- Multiple LRW12Ds can be connected to one wind sensor
- Common potential required (+B1/-A2)

Output / Operation

- OptoMOS outputs switch voltage on +B1
- Setting via front display after power supply

Code	Description	Art. No.	Price
WSH	Wind sensor with integrated heating	20000076	83,33 €/pc.
LS	Light sensor	20000080	34,20 €/pc.
RS	Rain sensor	20000087	142,70 €/pc.
LRW12D-UC	Digital settable light-twilight rain wind sensor relay, 4 OptoMOS	22400501	81,40 €/pc.
SNT15-24VDC/15W	Switching power supply unit 24V DC	20000168	20,83 €/pc.



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