

Wireless sensor



## Indoor humidity temperature sensor FIFT63AP

Wireless indoor humidity temperature sensor for surface mounting, LxWxH = 80x80x30mm.

The electronic requires no intrinsic power supply, so there is no standby loss.

The power supplied wireless indoor humidity/temperature sensor FIFT63AP with a solar module measures constantly the relative humidity between 0 and 100% ( $\pm 5\%$ ) and the temperature between  $-20$  and  $+60^\circ\text{C}$  ( $\pm 0.5^\circ\text{C}$ ).

A wireless telegram will be sent to the Eltako wireless system in case of a humidity change of 2% and temperature change of  $0.6^\circ\text{C}$ .

A control signal follows every 100 to 3000 seconds at stable values depending on the state of charge of the sensor.

In as-delivered state the energy accumulators are empty and must be charged in bright daylight for about 5 hours or connected to a charger for about 10 minutes via the red/black 12V DC connecting cable.

The power reserve stored in capacitors supplies the power requirement for the night.

In normal ambient brightness (at least a daily average of 200 Lux), the energy of the integrated solar module is sufficient to power the FIFT63AP. Then the 12V DC connecting cable may be cut off if necessary. The sensor then requires no installation depth behind the mounting plate. It can be screwed or stuck to any flat surface. An adhesive film is supplied.

We recommend sheet metal countersink screws 2.9x25mm, DIN 7982 C, for screw connections. Both with rawl plugs 5x25mm and with 55mm switch boxes.

**If the ambient brightness is insufficient, power is supplied by the connecting cable from a switching power supply unit SNT61-230V/12V DC fitted below in a switch box.**

The complete module can be removed from the frame for screw mounting.

**To teach-in** in an actuator in teach-in mode or the FVS Software, hold the supplied blue magnet or any other magnet at hand below the point on the side panel of the sensor marked by ■. This sends a teach-in telegram.

### Important note!

**Only skilled electricians may install this electrical equipment otherwise there is the risk of fire or electric shock.**