



Wireless sensor

Indoor humidity temperature  
sensor FIFT63AP

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

Temperature at mounting location:

-20°C up to +50°C.

Storage temperature: -25°C up to +70°C.

Relative humidity:

annual average value <75%.

Wireless indoor humidity temperature sensor for individual fitting and mounting in 55x55 mm or 63x63 mm switch system.

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

The scope of supply includes a frame R, an intermediate frame ZR in the same colour and a mounting plate. The installation in an existing frame R1F, R2F or R3F for flat pushbuttons is also made with the intermediate frame ZR.

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°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°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 to any flat surface.

We recommend stainless-steel counter-sunk 2.9x25 mm, DIN 7982 C, for screw connections. Both with rawl plugs 5x25 mm and with 55 mm switch boxes. Set of 2 stainless-steel counter-sunk screws 2,9x25 mm and plugs 5x25 mm are enclosed.

**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 GFVS 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.

**ELTAKO GmbH hereby declares that the products that relates to this operating manual, are in compliance with the essential requirements and other relevant provisions of directive 1999/5/EC. A copy of the EU declaration of conformity can be requested at the address below.**

**Must be kept for later use!**

**Eltako GmbH**

D-70736 Fellbach

☎ +49 711 94350000

www.eltako.com