



## UP2/R

### In-Wall Room Temperature Sensor with Push-Button and LED

Measuring size: temperature

Output: passive sensor

Highlights: button, green LED



### Description

Flush mounted room temperature sensors of the series UP2/R are the ideal solution for the modern inner room supervision in the HVAC area. The room supervision can be perfectly adapted into the existing light switch program. The temperature signal is available as passive exit (resistance). The lower parts can be set similarly to the outlet mounting in a in-wall connector. The cover sheets are deliverable in all current light switch programs. During the installation pay attention that the ventilation slits are located vertically to the wall. An exact temperature measurement can be warranted by the circulation of air guaranteed hereby.

### Technical Specifications

Measurement range temp.	-30...+60°C
Sensor	Pt100, Pt500, Pt1000, Ni1000, KTY, NTC, LM235Z (other on request)
Circuit type	2-wire connection
Measurement current	approx. 1 mA
Electrical connection	push terminals max. 1,5 mm <sup>2</sup>
Leakage resistance	> 100 MOhm, at +20°C (500 V DC)
Light switch program	GIRA Standard 55, pure white satin (other on request)
Equipment	1 push-button (black), 1 LED (24 V DC, green)
Protection type	IP30
Protection class	III
Storage temperature	-20...+50°C
Installation	onto in-wall junction box, diameter 55 mm
Approvals	CE, EAC, RoHS
Notice	In-wall temperature probes are customized products and non-returnable.



## Variants

Article Number		
Sensor	Light switch program	Equipment
<b>UP2/R-G10</b>		
Pt100 (DIN EN 60751 Cl. B)	GIRA Standard 55, pure white satin	1 button (black), 1 LED (24 V DC, green)
<b>UP2/R-G20</b>		
Pt1000 (DIN EN 60751 Cl. B)	GIRA Standard 55, pure white satin	1 button (black), 1 LED (24 V DC, green)
<b>UP2/R-G30</b>		
Ni1000 (whirl-sintered)	GIRA Standard 55, pure white satin	1 button (black), 1 LED (24 V DC, green)
<b>UP2/R-G40</b>		
Ni1000TK5000 (whirl-sintered)	GIRA Standard 55, pure white satin	1 button (black), 1 LED (24 V DC, green)
<b>UP2/R-G60</b>		
LM235Z ( $\pm 1\%$ )	GIRA Standard 55, pure white satin	1 button (black), 1 LED (24 V DC, green)
<b>UP2/R-G70</b>		
NTC20k ( $\pm 1\%$ )	GIRA Standard 55, pure white satin	1 button (black), 1 LED (24 V DC, green)
<b>UP2/R-G80</b>		
NTC10k ( $\pm 1\%$ )	GIRA Standard 55, pure white satin	1 button (black), 1 LED (24 V DC, green)



### Dimensional Drawing

