



## UP1/E

### In-Wall Room Temperature Sensor

Measuring size: temperature

Output: passive sensor

Highlights: GIRA standard 55



### Description

The UP1/E in-wall temperature sensor measures the temperature by the sensor inside of the housing and is with all established sensors available. The temperature sensor can be mounted e.g. in offices, accommodations directly onto the in-wall socket and is with different socket systems available. The extra wide air slots ensures a good circulation of air and therefore a high measuring accuracy.

### 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	screw 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)
Protection type	IP20
Protection class	III
Storage temperature	-20...+50°C
Installation	onto in-wall junction box, diameter 55 mm
Approvals	CE, EAC, RoHS



## Variants

Article Number	
Sensor	Light switch program
UP1/E-G10	
Pt100 (DIN EN 60751 Kl. B)	GIRA Standard 55, pure white satin
UP1/E-G20	
Pt1000 (DIN EN 60751 Kl. B)	GIRA Standard 55, pure white satin
UP1/E-G30	
Ni1000 (whirl-sintered)	GIRA Standard 55, pure white satin
UP1/E-G40	
Ni1000TK5000 (whirl-sintered)	GIRA Standard 55, pure white satin
UP1/E-G60	
LM235Z ( $\pm 1\%$ )	GIRA Standard 55, pure white satin
UP1/E-G70	
NTC20k ( $\pm 1\%$ )	GIRA Standard 55, pure white satin
UP1/E-G80	
NTC10k ( $\pm 1\%$ )	GIRA Standard 55, pure white satin



### Dimensional Drawing

