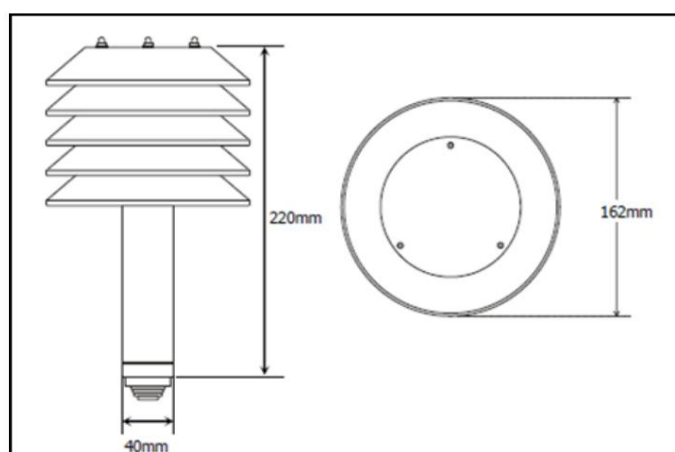


AIR TEMPERATURE AND HUMIDITY SENSOR (outdoor)

Description

The temperature measurement is carried out by control phenomena with strong temperature variations, such as the day/night cycle on structures, or to compensate for the thermal errors of some instruments. The temperature and humidity sensor of the Gestecno air is an instrument made in accordance with WMO (World Meteorological Organization).

The sensitive element for the relief of the temperature and humidity sensors are protected from rain and radiation solar incident through five screens circular overlapping and arranged in such a way as to ensure natural internal ventilation. Their particular white and reflective color, cancel the effect induced heating on the sensitive element, ensuring maximum measurement accuracy.



Technical features

Sensing element	Capacitive digital semiconductor
Material	stainless steel and aluminum
Measuring range	-30...+80 °C, 0-100% RH
Accuracy	<0.3 °C, +/-3% RH
Resolution	0.05 °C, 0.1% RH
Diet	10-30 Vdc
Output signal	RS485 (0-5V, 4-20mA on request)
Ventilation	natural
Protection class	IP65

Ordering Information

PRODUCT	DESCRIPTION CODE
TEU-200	Outdoor Temperature and Humidity Sensor

For more information:

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