TEMPERATURE AND HUMIDITY SENSOR WITH TRANSMITTER
Type HTT-951

2 mounting holes ∅ 5
47
71
71
27
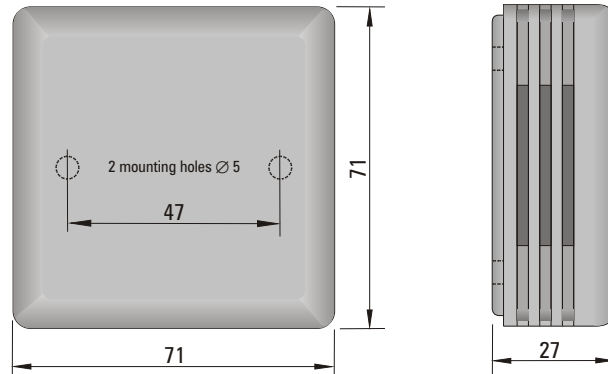
TECHNICAL DATA

Sensor

Application	temperature and relative humidity measurement of air indoor. Wall-mounted.
Measuring range	−40°C...+80°C, 0...100%RH
Housing	71 x 71 x 27 mm, ABS material, approx. weight 50g
Ambient temperature	−40°C...+80°C

Transmitter

Processing ranges:

temperatures	programmable, max. −40°C ... +80°C (upper - lower ≥ 10°C)
relative humidity	programmable, max. 0% ... 100% (upper - lower ≥ 10%)
dew point temperature	programmable, max. −40°Cdp ... +80°Cdp (upper - lower ≥ 10°Cdp)

Dew point is calculated based on relative humidity and temperature

Temperature processing error	max. 0,5°C for 0°C ≤ T ≤ 60°C and max. 1,5°C beyond this range
Humidity processing error	max. 3% for 20% ≤ RH ≤ 80% and max. 5% beyond this range
Output signals	programmable in the range of 0-20mA, default 4-20mA (**HTT-951/A**)
	programmable in the range of 0-10V, default 0-10V (**HTT-951/V**)
Power supply	12 ... 36 V DC / 55 mA (**HTT-951/A**)
	14 ... 36 V DC / 35 mA (**HTT-951/V**)
Programming	using the **IF-2013U** interface, connected to the computer with a **E-config** program
Accessories (ordered separately)	**IF-2013U** programming interface
	E-config program (also downloadable at www.czaki.pl)

Note: the location of the hole (side wall or rear wall) for cable exit can be specified in the order text

ORDERING CODE

		(1)	(2)	(3)	(4)	(5)	(6)	(7)
HTT-951	/		/	/	/	/	/	/

(1) Output signals
    A current outputs referenced to the supply minus, default 4-20mA
    V voltage outputs referenced to the supply minus, default 0-10V
(2) Lower end of the temperature processing range value in [°C], default −40
(3) Upper end of the temperature processing range value in [°C], default +80
(4) Lower end of the humidity processing range value in [%RH] or [°Cdp], default 0
(5) Upper end of the humidity processing range value in [%RH] or [°Cdp], default 100
(6) Humidity unit **%RH** or **°Cdp**, default %RH
(7) Output signals other than the default e.g.. 0-20mA, 1-5V, position of the hole for the cable, ...

Example for order: HTT-951/A denotes a sensor with transmitters of: air temperature in the range -40...+80°C and relative humidity in the range 0...100%RH to current signals 4...20mA
HTT-951/V/0/70/-10/60/°Cdp denotes a sensor with transmitters of: air temperature in the range of 0...+70°C and relative humidity in the range -10...+60°Cdp to voltage signals 0-10V